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(S) #1715767

AGRICULTURAL STATISTICS 1979



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UNITED STATES
DEPARTMENT OF AGRICULTURE

AGRICULTURAL
STATISTICS
1979



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON: 1979

Agricultural Statistics, 1979

Agricultural Statistics 1979 was prepared under the direction of MELVIN L. KOEHN, Chief, Data Services Branch, Economics, Statistics, and Cooperatives Service. EILEEN JOHNSON was responsible for coordination and technical editorial work.

The cooperation of the many contributors to this publication is gratefully acknowledged. Source notes below each table credit the various Government agencies which collaborated in furnishing information.

CONTENTS

	Page		Page
Introduction	III	VII—Cattle, hogs, and sheep:	
Weights, measures, and conversion factors	V	Cattle and calves	300
I—Grains:		Hogs	313
Total grain supply	1	Sheep and lambs	324
Food grains:		Wool	335
Wheat	1	Goats and mohair	343
Rye	15	Meats and meat products	344
Rice	19	Hides	353
Feed grains:		Livestock index numbers	357
Corn	30	VIII—Dairy and poultry products:	
Oats	38	Cows and dairy products	358
Barley	43	Chickens	393
Sorghum	50	Turkeys	407
Grain consumption	49	Eggs	411
Feedstuffs	54	IX—Farm resources, income, and expenses:	
Animal units fed	58	Economic trends	416
II—Cotton, tobacco, sugar crops, and honey:		Farm property	417
Cotton	61	Population and employment	429
Other fibers	76	Farm production and distribution	435
Sugar	77	Prices and income	446
Sirups	91	Costs and expenses	464
Honey and beeswax	93	X—Taxes, insurance, cooperatives, and credit:	
Tobacco	99	Taxes and insurance	471
III—Oilseeds, fats, and oils:		Credit and loan programs	476
Cottonseed	114	Farmers' cooperatives	491
Flaxseed	117	Rural electrification and telephones	494
Peanuts	122	XI—Stabilization and price-support programs:	
Soybeans	129	Price support	504
Sunflower	135	Payments to producers	515
Peppermint and spearmint	137	Disaster provisions	518
Olive oil	139	Marketing agreements and orders	519
Margarine	139	XII—Agricultural conservation and forestry statistics:	
Shortening	140	Conservation and pollution abatement programs	520
Fats and oils	141	Soil conservation programs	527
IV—Vegetables and melons:		Forestry	534
Vegetables and melons	151	Turpentine and rosin	547
Vegetable shipments	195	XIII—Consumption and family living:	
Vegetable consumption	197	Population	550
Commercial pack	200	Food consumption	551
V—Fruits, tree nuts, and horticultural specialties:		Food and nutrition programs	556
Fruits and berries	204	Prices at retail levels	559
Tree nuts	256	XIV—Miscellaneous statistics:	
Tea, cacao beans, and coffee	261	Agricultural imports and exports	561
Mushrooms	264	Commodity futures	574
Flowers	265	Fishery statistics	580
VI—Hay, seeds, and minor field crops:		Refrigeration statistics	586
Hay	268	Alaska statistics	587
Pasture and range	273	Index	588
Seeds	274		
Rates of seeding	284		
Beans, dry edible	290		
Peas, dry	294		
Hops	296		
Popcorn	298		

Introduction

Agricultural Statistics is published each year to meet the diverse needs for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture. A few tables were prepared in other Government Agencies.

The historical series in this volume have been generally limited to data beginning with 1964 or later.

Agricultural data for Alaska and Hawaii are included in the appropriate tables, where available. Certain statistics for Alaska are found in chapter XIV.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of that date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

WEIGHTS, MEASURES, AND CONVERSION FACTORS

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

WEIGHTS, MEASURES, AND CONVERSION FACTORS
(See explanatory text just preceding this table)

WEIGHTS AND MEASURES

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilograms</i>			<i>Pounds</i>	<i>Kilograms</i>
Alfalfa seed	Bushel	60	27.2	Celery	Crate ¹¹	60	27.2
	do	48	21.8		Lug (Campbell) ¹²	16	7.3
Apples	Northwest box ²	44	20.0		Lug	20	9.1
	Fiberboard box, cell pack	37-44	16.8-20.0	Clover seed	Bushel	60	27.2
Apricots	Lug (Brentwood) ³	24	10.9	Corn:			
Western	4-basket crate ⁴	26	11.8	Ear, husked	Bushel	1370	31.8
Artichokes:				Shelled	do	56	25.4
Globe	1/2-box	20	9.1	Meal	do	50	22.7
Jerusalem	Bushel	50	22.7	Oil	Gallon	107.7	3.5
Asparagus	Crate	30	13.6	Sirup	do	11.72	5.3
Avocados	Lug ⁵	12-15	5.4-6.8		Mesh or paper bag	45-50	20.4-22.7
Bananas	Fiber folding box ⁶	40	18.1	Sweet	Wirebound crate	40-60	18.1-27.2
Barley	Bushel	48	21.8		Bale, gross	14500	227
Beans:					Bale, net	14480	218
Lima, dry	do	56	25.4	Cotton	Bushel	1532	14.5
Other, dry	do	60	27.2	Cottonseed	Bushel	107.7	3.5
	Sack	100	45.4	Cottonseed oil . . .	Gallon	60	27.2
Lima, unshelled . .	Bushel	28-32	12.7-14.5	Cowpeas	Bushel	100	45.4
Snap	do	28-32	12.7-14.5	Cranberries	Barrel	25	11.3
Beets:					1/4-bbl. box ¹⁶ . . .		
Without tops . . .	do	50	22.7	Cream, 40-percent butterfat	Gallon	8.38	3.80
Bunched	Wirebound crate	45	20.4	Cucumbers	Bushel	48	21.8
Berries, frozen pack:				Dewberries	24-qt. crate	36	16.3
Without sugar . . .	50-gal. barrel	380	172	Eggplant	Bushel	33	15.0
3 + 1 pack	do	425	193	Eggs, average size	Case, 30 dozen . . .	47.0	21.3
2 + 1 pack	do	450	204	Escarole	Bushel	25	11.3
Blackberries . . .	24-qt. crate	36	16.3	Figs, fresh	Box, single layer ¹⁷ . . .	6	2.7
Bluegrass seed . .	Bushel	14-30	6.4-13.6	Flaxseed	Bushel	56	25.4
Broccoli	Wirebound crate	20-25	9.1-11.3	Flour, various	Bag	100	45.4
Broomcorn (6 bales per ton) .	Bale	333	151	Grapefruit:			
Broomcorn seed . .	Bushel	44-50	20.0-22.7	Florida and Texas	1/2-box mesh bag	40	18.1
Brussels sprouts .	Drums	25	11.3	Florida	1 3/8 bu. box	85	38.6
Buckwheat	Bushel	48	21.8	Texas	1 1/2 bu. box	80	36.3
Butter	Box	64	29.0	California Desert Valleys and			
	Open mesh bag	50	22.7	Arizona	Box ¹⁸	1964	29.0
Cabbage	Wirebound crate ⁷	50	22.7		Carton ²⁰	32	14.5
	Western crate ⁸	80	36.3	California other than Desert Valleys	Box ¹⁸	67	30.4
Cantaloups	Jumbo crate ⁹	83	37.6		Carton ²⁰	33 1/2	15.2
Carrots:				Grapes:			
Without tops . . .	Bushel	50	22.7	Eastern	4-qt. climax basket	6	2.7
	Open mesh bag	50	22.7		12-qt. basket	18-20	8.2-9.1
Castor beans	Bushel	41	18.6		Lug ²¹	28	12.7
Castor oil	Gallon	108	3.6	Western	4-basket crate ²²	20	9.1
	W.G.A. crate	50-60	22.7-27.2	Hempseed	Bushel	44	20.0
Cauliflower	Fiberboard box, wrapper leaves removed, film-wrapped, 2 layers	23-35	10.4-15.9	Hickory nuts	do	50	22.7
				Honey	Gallon	11.84	5.4
				Honeydew melons	Jumbo crate ²³	44	20.0
				Hops	Bale, gross	200	90.7

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilograms</i>			<i>Pounds</i>	<i>Kilograms</i>
Horseradish	/Bushel	35	15.9	Pears:			
roots	(Barrel)	100	45.4	California	Bushel	48	21.8
Hungarian				Other . . . . .	.. do	50	22.7
millet seed	Bushel	48 and 50	21.8–22.7	Western	Box ²⁷	46	20.9
Kale . . . . .	.. do	18	8.2	Peas:			
Kapok seed . . . . .	.. do	35–40	15.9–18.1	Green, un-			
Lard	Tierce	375	170	shelled	Bushel	28–30	12.7–13.6
Lemons:				Dry . . . . .	.. do	60	27.2
California and	/Box ²⁴	1976	34.5	Peppers, green	{ Fiberboard		
Arizona	(Carton ²⁰)	38	17.2	{ carton	30–34	13.6–15.4	
Lentils	Bushel	60	27.2	Perilla seed	Bushel	37–40	16.8–18.1
Lettuce	Fiberboard			Pineapples	Crate ²⁸	70	31.8
box, carton		38–55	17.2–24.9	prunes:			
Lettuce, hot-				California	4-basket		
house	24-qt. basket	10	4.5	Other	crate ²⁹	28–34	12.7–15.4
Limes (Florida)	Box	80	36.3	1/2-bu.			
Linseed oil	Gallon	107.7	3.5	basket		28	12.7
Malt	Bushel	34	15.4	Popcorn:			
Maple sirup	Gallon	11.03	5.00	On ear	Bushel	1970	31.8
Meadow fescue				Shelled . . . . .	.. do	56	25.4
seed	Bushel	24	10.9	Poppy seed . . . . .	.. do	46	20.9
Milk	Gallon	8.6	3.90	Potatoes	{ Bushel	60	27.2
Millet	Bushel	48–50	21.8–22.7	{ Barrel	165	74.8	
Molasses,				{ Bag	50	22.7	
edible	Gallon	11.72	5.3	.. do	100	45.4	
Molasses,				Quinces	Bushel	48	21.8
inedible . . . . .	.. do	11.74	5.3	Rapeseed . . . . .	.. do	50 and 60	22.7–27.2
Mustard seed	Bushel	58–60	26.3–27.2	Raspberries	24-qt. crate	36	16.3
Oats . . . . .	.. do	32	14.5	Redtop seed	Bushel	50 and 60	22.7–27.2
Olives	Lug ²¹	25–30	11.3–13.6	Refiners' sirup	Gallon	11.45	5.2
Olive oil	Gallon	107.6	3.5	Rice:			
Onions, dry	Sack	50	22.7	{ Bushel	45	20.4	
Onions, green				{ Bag	100	45.4	
bunched	Crate	60–65	27.2–29.5	{ Barrel	162	73.5	
Onion sets	Bushel	28–32	12.7–14.5	Milled	Pocket or bag	100	45.4
Oranges:				Rosin	Drum, net	520	236
Florida and	{ 1/2-box mesh			Rutabagas	Bushel	56	25.4
Texas	bag	45	20.4	Rye . . . . .	.. do	56	25.4
	Box ²⁸	90	40.8	Sesame seed . . . . .	.. do	46	20.9
California and	/Box ¹⁸	1975	34.0	Shallots	Crate (4–7 doz.		
Arizona	(Carton ²⁰)	37 1/2	17.0	Sorgho:	bunches)	20–35	9.1–15.9
Orchardgrass				Seed	Bushel	50	22.7
seed	Bushel	14	6.4	Sirup	Gallon	11.55	5.2
Palm oil	Gallon	107.7	3.5	Sorghum			
Parsnips	Bushel	50	22.7	grain ³⁰	Bushel	56	25.4
	.. do	48	21.8	Soybeans . . . . .	.. do	60	27.2
Peaches	{ California			Soybean oil	Gallon	107.7	3.5
fruit box	Lug box ²¹	20	9.1	Spelt	Bushel	40	18.1
Peanut oil	Gallon	28 18	8.2	Spinach . . . . .	.. do	18–20	8.2–9.1
Peanuts,		107.7	3.5	Strawberries	{ 24-qt. crate	36	16.3
unshelled:				{ 12-pt. crate	9–11	4.1–5.0	
Virginia type	Bushel	17	7.7	Sudangrass			
Runners,				seed	Bushel	40	18.1
south-				Sugarcane			
eastern . . . . .	.. do	21	9.5	sirup			
Spanish:				(sulfured or	Gallon	11.45	5.2
South-				unsulfured)	Bushel	24 and 32	10.9–14.5
eastern . . . . .	.. do	25	11.3	Sunflower seed			
South-				{ .. do	3155	24.9	
western . . . . .	.. do	25	11.3	{ Crate	50	22.7	
				Tangerines,			
				Florida	4/5-bu. box	47 1/2	21.5

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
Timothy seed	Bushel	<i>Pounds</i> 45	<i>Kilograms</i> 20.4	Tung oil	Gallon	<i>Pounds</i> ¹⁰ 7.8	<i>Kilograms</i> 3.5
Tobacco:				Turnips:			
Maryland	Hogshead . . .	775	352	Without tops	Mesh sack . .	50	22.7
Flue-cured . . . . .	..do	950	431	Bunched	Crate ⁸	70-80	31.8-36.3
Burley . . . . .	..do	975	442	Turpentine . . .	Gallon	7.23	3.3
Dark air-cured . . .	..do	1,150	522	Velvetbeans			
Virginia				(hulled)	Bushel	60	27.2
fire-cured . . . . .	..do	1,350	612	Vetch . . . . .	..do	60	27.2
Kentucky and				Walnuts . . . . .	..do	50	22.7
Tennessee				Water 60° F . . .	Gallon	8.33	3.8
fire-cured . . . . .	..do	1,500	680	Watermelons . .	Melons of		
Cigar-leaf	{ Case	250-365	113-166		average or		
	{ Bale	150-175	68.0-79.4		medium		
	{ Crate	60	27.2		size	25	11.3
Tomatoes	{ Lug box ²¹ . . .	32	14.5	Wheat	Bushel	60	27.2
	{ 2-layer flat . .	21	9.5	Various com-	Short ton . . .	2,000	907
Tomatoes,				modities . . .	Long ton . . .	2,240	1,016
hothouse	12-qt. basket .	20	9.1		Metric ton . .	2,204.6	1,000

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To	Multiply by
Kilograms	0.45359237
Metric tons	0.00045359237

CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples	1 pound dried	7 pounds fresh; beginning 1943, 8 pounds fresh
Do	1 pound chops	5 pounds fresh
Do	1 case canned ³²	1.4 bushels fresh
Applesauce	do ³²	1.2 bushels fresh
Apricots	1 pound dried	6 pounds fresh
Barley flour	100 pounds	4.59 bushels barley
Beans, lima	1 pound shelled	2 pounds unshelled
Beans, snap or wax	1 case canned ³³	0.008 ton fresh
Buckwheat flour	100 pounds	3.47 bushels buckwheat
Calves	1 pound live weight	0.557 pound dressed weight (1954-63 average)
Cattle	do	0.561 pound dressed weight (1954-63 average)
Cane sirup	1 gallon	5 pounds sugar
Cherries, tart	1 case canned ³²	0.023 ton fresh
Chickens	1 pound live weight	0.72 pound ready-to-cook weight
Corn, shelled	1 bushel (56 lbs.)	2 bushels (70 pounds) of husked ear corn
Corn, sweet	1 case canned ³³	0.030 ton fresh
Cornmeal:		
Degermed	100 pounds	3.16 bushels corn, beginning 1946
Nondegermed	do	2 bushels corn, beginning 1946
Cotton	1 pound ginned	3.26 pounds seed cotton, including trash ³⁴
Cottonseed meal	1 pound	2.10 pounds cottonseed
Cottonseed oil	do	5.88 pounds cottonseed
Dairy products:		
Butter	do	21.1 pounds milk
Cheese	do	10 pounds milk
Condensed milk, whole	do	2.3 pounds milk
Dry cream	do	19 pounds milk
Dry milk, whole	do	7.6 pounds milk
Evaporated milk, whole	do	2.14 pounds milk
Malted milk	do	2.6 pounds milk
Nonfat dry milk	do	11 pounds liquid skim milk
Ice cream ³⁵	1 gallon	15 pounds milk
Ice cream ³⁵ (eliminating fat from butter and concentrated milk)	do	12 pounds milk
Eggs	1 case	47 pounds
Eggs, shell	do	39.5 pounds frozen or liquid whole eggs
Do	do	10.3 pounds dried whole eggs
Figs	1 pound dried	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed	1 bushel	About 2 1/2 gallons oil
Grapefruit, Florida	1 case canned juice ³³	0.64 box fresh fruit
Hogs	1 pound live weight	0.579 pound dressed weight, excluding lard (1954-63 average)
Linseed meal	1 pound	1.51 pounds flaxseed
Linseed oil	do	2.77 pounds flaxseed
Malt	1 bushel (34 lbs.)	1 bushel barley (48 lbs.)
Maple sirup	1 gallon	8 pounds maple sugar
Nuts:		
Almonds imported	1 pound shelled	3 1/3 pounds unshelled
Almonds, California	do	2.22 pounds unshelled through 1949; 2 pounds thereafter
Brazil	do	2 pounds unshelled
Cashews	do	4.55 pounds unshelled
Chestnuts	do	1.19 pounds unshelled
Filberts	do	2.22 pounds unshelled through 1949; 2.5 pounds thereafter
Pecans:		
Seedling	do	2.78 pounds unshelled
Improved	do	2.50 pounds unshelled
Pignolias	do	1.3 pounds unshelled
Pistachios	do	2 pounds unshelled
Walnuts:		
Black	do	5.88 pounds unshelled
Persian (English)	do	2.67 pounds unshelled
Oatmeal	100 pounds	7.6 bushels oats, beginning 1943
Oranges, Florida	1 case canned juice ³³	0.53 box fresh
Peaches, California, freestone	1 pound dried	5 1/8 pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6 1/2 pounds fresh from 1929 to date
Peaches, California, clingstone	do	7 1/2 pounds fresh
Peaches, clingstone	1 case canned ³²	1 bushel fresh
Do	do	0.0230 ton fresh
Peanuts	1 pound shelled	1 1/2 pounds unshelled
Pears	1 pound dried	6 1/2 pounds fresh
Pears, Bartlett	1 case canned ³³	1.1 bushels fresh
Do	do	0.026 ton fresh

See footnotes on page IX.

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green	1 pound shelled	2½ pounds unshelled
Do	1 case canned ³³	0.009 ton fresh (shelled)
Prunes	1 pound dried	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins	1 pound	4.3 pounds fresh grapes
Rice, milled (excluding brewers)	100 pounds	152 pounds rough or unhulled rice
Rye flour	do	2.23 bushels rye, beginning 1947
Sheep and lambs	1 pound live weight	0.482 pound dressed weight (1954–63 average)
Soybean meal	1 pound	1.27 pounds soybeans
Soybean oil	do	5.49 pounds soybeans
Sugar	1 ton raw	0.9346 ton refined
Tobacco	1 pound farm-sales weight	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes	1 case canned ³³	0.018 ton fresh
Turkeys	1 pound live weight	0.80 pound ready-to-cook weight
Wheat flour	100 pounds	2.30 bushels wheat ³⁶
Wool, domestic apparel shorn	1 pound greasy	0.48 pound scoured
Wool, domestic apparel pulled	do	0.73 pound scoured

¹Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

²Approximate inside dimensions, 10¼ by 11¼ by 18 inches.

³Approximate inside dimensions, 4¼ by 12¼ by 16¼ inches.

⁴Approximate inside dimensions, 4¼ by 16 by 16¼ inches.

⁵Approximate dimensions, 4¼ by 13¼ by 16¼ inches.

⁶Approximate inside dimensions, 13 by 12 by 32 inches.

⁷Inside dimensions vary. Common sizes are 13 by 13 by 22¼ inches, and 13 by 15¼ by 23 inches.

⁸Approximate inside dimensions, 13 by 18 by 21¼ inches.

⁹Approximate inside dimensions, 13 by 13 by 22¼ inches.

¹⁰This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

¹¹Approximate inside dimensions, 9¼ by 16 by 20 inches.

¹²Approximate inside dimensions, 4¼ by 11¼ by 14 inches.

¹³The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

¹⁴For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

¹⁵This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

¹⁶Approximate inside dimensions, 9¼ by 10¼ by 15 inches.

¹⁷Approximate inside dimensions, 1¼ by 11 by 16¼ inches.

¹⁸Approximate inside dimensions, 11¼ by 11¼ by 24 inches.

¹⁹In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the ½-box carton as the container used.

²⁰Approximate inside dimensions 10¼ by 10¹¹/₁₆ by 16¼ inches for oranges or lemons, and 9¼ by 10¹¹/₁₆ by 16¼ inches for grapefruit.

²¹Approximate inside dimensions, 5¼ by 13¼ by 16¼ inches.

²²Approximate inside dimensions, 4¼ by 16 by 16¼ inches.

²³Approximate inside dimensions, 7¼ by 16 by 21¼ inches.

²⁴Approximate inside dimensions, 9¼ by 13 by 25 inches.

²⁵Approximate inside dimensions 12 by 12 by 24 inches.

²⁶Approximate inside dimensions vary. Common size is 4¼ by 11¼ by 16¼ inches.

²⁷Approximate inside dimensions, 8¼ by 11¼ by 18 inches.

²⁸Approximate inside dimensions, 12 by 10¼ by 33 inches.

²⁹Inside dimensions vary. Ranges from 4 by 16 by 16¼ inches to 6 by 16 by 16¼ inches.

³⁰Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

³¹This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

³²Case of 24 No. 2½ cans.

³³Case of 24 No. 303 cans.

³⁴Varies widely by method of harvesting.

³⁵The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

³⁶This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790–1879, 5 bushel; 1880–1908, 4.75 bushels; 1909–17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921–44, 4.7 bushels; July 1944–Feb. 1946, 4.57 bushels; March 1946–Oct. 1946, average was about 4.31 bushels; and Nov. 1946–June 1957, 4.57 bushels.

CHAPTER I

STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

Table 1.—Total grain: Supply and disappearance, United States, 1964–78

Year ¹	Supply				Disappearance			Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disappearance	
	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>
1964	91.9	160.7	0.4	253.0	134.9	41.3	176.2	76.9
1965	76.9	183.4	.4	260.7	150.4	51.7	202.1	58.6
1966	58.6	184.2	.4	243.1	148.9	44.4	193.3	49.9
1967	49.9	207.9	.3	258.1	150.3	44.7	195.1	63.0
1968	63.0	202.4	.3	265.7	159.2	34.1	193.3	72.4
1969	72.4	205.2	.5	278.1	166.3	38.2	204.5	73.6
1970	73.6	186.7	.5	260.8	164.0	41.4	205.4	55.4
1971	55.4	237.5	.3	293.3	175.5	43.8	219.3	73.9
1972	73.9	228.1	.4	302.3	181.3	72.6	254.0	48.2
1973	48.2	237.6	.3	286.1	178.1	76.4	254.5	31.6
1974	31.6	204.4	.6	236.5	142.2	66.7	208.8	27.6
1975	27.6	248.6	.6	276.8	155.1	84.5	239.7	37.1
1976	37.1	257.3	.5	294.9	153.2	79.4	232.6	62.1
1977 ²	62.1	263.8	.4	326.3	161.5	90.2	251.7	74.6
1978 ²	74.6	273.3	.3	348.2	.....	.....	.....	.....

¹ Year beginning Oct. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.

² Preliminary.

Totals may not add due to independent rounding.

Economics, Statistics, and Cooperatives Service — Economics.

Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1964–78

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers ²	Value of production
	Planted ¹	Harvested			For seed	Fed to livestock			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	55,672	49,762	25.8	1,283,371	41,198	31,422	1,210,751	1.37	1,756,970
1965	57,361	49,560	26.5	1,315,603	39,452	41,823	1,234,328	1.35	1,774,535
1966	54,105	49,613	26.3	1,304,889	46,259	25,929	1,232,701	1.63	2,129,868
1967	67,264	58,353	25.8	1,507,598	46,005	42,418	1,419,175	1.39	2,090,107
1968	61,860	54,765	28.4	1,556,635	39,456	59,396	1,457,783	1.24	1,929,131
1969	53,450	47,146	30.6	1,442,679	33,347	58,529	1,350,803	1.25	1,795,738
1970	48,739	43,564	31.0	1,351,558	35,440	59,860	1,256,258	1.33	1,803,241
1971	53,822	47,635	33.9	1,618,636	37,300	71,768	1,509,568	1.34	2,167,797
1972	54,913	47,303	32.7	1,546,209	37,953	47,011	1,461,245	1.76	2,706,121
1973	59,254	54,148	31.6	1,710,787	48,449	28,060	1,634,278	3.95	6,744,631
1974	71,044	65,368	27.3	1,781,918	54,996	32,300	1,694,622	4.09	7,287,192
1975	74,786	69,391	30.6	2,122,459	³ 95,299		2,027,160	3.56	7,534,851
1976	80,202	70,771	30.3	2,142,362	103,916		2,038,446	2.73	5,851,443
1977	75,119	66,461	30.6	2,036,318	117,297		1,919,021	2.33	4,742,686
1978 ⁴	66,094	56,839	31.6	1,798,712	83,735		1,714,977	2.94	5,280,467

See footnotes on page 3.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1964–78

Year	Area		Yield per harvested acre	Production	Season average price per bushel received by farmers ²	Value of production
	Planted ¹	Harvested				
Winter wheat						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	43,632	38,075	26.8	1,020,987		
1965	45,142	37,586	27.1	1,017,075		
1966	42,746	38,616	27.4	1,057,371		
1967	53,649	45,039	26.5	1,194,119		
1968	48,667	41,929	29.0	1,217,555		
1969	42,338	36,303	31.2	1,131,439		
1970	37,623	32,702	33.4	1,091,744		
1971	38,072	32,370	35.4	1,145,011	1.35	1,544,116
1972	42,183	34,859	34.0	1,186,498	1.71	2,022,251
1973	43,501	38,747	33.0	1,278,220	3.72	4,745,524
1974	52,023	46,778	29.4	1,375,526	3.91	5,370,400
1975	55,881	51,307	32.0	1,640,396	3.38	5,531,995
1976	57,668	49,460	31.5	1,559,923	2.72	4,253,226
1977	56,295	48,664	31.6	1,537,113	2.28	3,500,357
1978 ³	47,730	38,909	32.1	1,248,272	2.99	3,728,187
Durum wheat ⁴						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	2,519	2,467	27.6	68,146		
1965	2,361	2,296	30.4	69,866		
1966	2,491	2,423	25.9	62,638		
1967	2,826	2,754	24.1	66,443		
1968	3,715	3,621	27.5	99,644		
1969	3,466	3,420	31.7	108,403		
1970	2,167	2,105	25.1	52,771		
1971	2,943	2,864	32.1	91,805	1.31	120,350
1972	2,592	2,550	28.6	72,912	1.93	141,040
1973	2,952	2,884	27.2	78,455	6.16	483,002
1974	4,174	4,099	19.8	81,245	5.96	484,041
1975	4,830	4,680	26.4	123,362	4.66	575,025
1976	4,748	4,584	29.4	134,914	2.95	398,856
1977	3,183	3,025	26.4	79,964	2.69	215,413
1978 ³	4,110	4,024	33.1	133,328	2.87	382,594
Other spring wheat ⁵						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	9,521	9,220	21.1	194,238		
1965	9,858	9,678	23.6	228,662		
1966	8,868	8,574	21.6	184,880		
1967	10,789	10,560	23.4	247,036		
1968	9,478	9,215	26.0	239,436		
1969	7,646	7,423	27.3	202,837		
1970	8,949	8,757	23.6	207,043		
1971	12,807	12,451	30.7	381,820	1.32	503,331
1972	10,138	9,894	29.0	286,799	1.89	542,830
1973	12,801	12,517	28.3	354,112	4.28	1,516,105
1974	14,847	14,491	22.4	325,147	4.41	1,432,751
1975	14,075	13,404	26.8	358,701	3.98	1,427,831
1976	17,786	16,727	26.8	447,525	2.68	1,199,361
1977	15,641	14,772	28.4	419,241	2.45	1,026,916
1978 ³	14,254	13,906	30.0	417,112	2.80	1,169,686

¹ Seeded in preceeding fall for winter wheat.² Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.³ Preliminary.⁴ Includes California, Minnesota, Montana, North Dakota, and South Dakota; 1976 and 1977 also includes Arizona and New Mexico, 1978 includes Arizona.⁵ Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

Table 4.—Wheat: Stocks on and off farms, United States, 1964–78

Year beginning October	On farms				Off farms ²			
	Oct. 1	Jan. 1	Apr. 1	July 1 ¹	Oct. 1	Jan. 1	Apr. 1	July 1 ¹
All wheat								
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	503,656	389,672	263,450	132,515	1,305,655	1,059,621	881,757	684,740
1965	558,314	405,337	255,593	130,774	1,145,702	930,676	661,743	404,399
1966	537,841	406,879	237,852	144,890	896,351	640,577	461,370	279,525
1967	601,483	505,227	361,015	229,548	954,667	704,490	477,090	309,000
1968	727,772	576,932	460,476	325,906	951,545	764,418	648,980	490,754
1969	752,200	609,443	456,499	307,093	1,120,224	923,375	740,747	577,780
1970	663,673	526,092	381,098	240,276	1,124,797	883,878	679,337	491,202
1971	826,860	694,549	525,743	355,050	1,046,932	853,100	684,961	508,203
1972	730,210	510,202	316,063	133,923	1,140,699	888,801	611,253	304,578
1973	608,466	364,382	181,704	89,455	843,084	563,952	366,441	158,201
1974	680,469	446,289	274,106	132,734	881,665	661,171	387,982	194,255
1975	755,500	547,623	342,624	235,485	1,129,044	838,028	594,151	429,768
1976	833,264	665,407	510,976	426,336	1,354,946	1,116,376	878,534	685,912
1977	1,035,056	831,294	639,851	492,937	1,365,322	1,162,459	887,832	683,790
1978 ³	1,032,852	815,447	628,716	.....	1,104,169	816,364	592,470	.....
Durum wheat								
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	57,043	47,873	39,921	19,519	47,335	46,500	42,213	48,249
1965	75,997	57,608	48,993	24,029	48,387	42,402	34,294	30,388
1966	61,896	39,769	28,617	18,349	33,806	24,342	16,646	10,530
1967	58,269	49,015	32,891	18,181	19,475	14,338	13,386	6,143
1968	90,938	64,949	50,724	29,626	18,451	21,030	17,429	11,582
1969	108,418	92,460	81,498	63,140	23,187	20,285	16,441	17,584
1970	83,853	69,660	56,120	41,672	25,591	24,803	22,856	16,817
1971	105,737	94,340	75,345	48,086	27,070	24,928	24,959	21,165
1972	91,538	72,016	48,249	19,979	24,458	25,910	23,132	16,891
1973	67,903	49,251	34,390	18,058	21,460	18,433	16,516	9,938
1974	70,196	51,832	37,836	14,593	21,377	18,727	11,498	6,713
1975	87,406	65,412	53,033	38,906	27,657	20,528	18,065	14,550
1976	110,544	94,999	79,347	70,643	39,571	32,631	28,895	21,120
1977	103,462	81,891	61,635	49,626	36,338	26,524	29,754	17,265
1978 ³	120,309	98,694	83,662	.....	30,012	18,312	21,741	.....

¹Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.²Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 2

¹Includes area seeded in preceding fall for winter wheat.²Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.³Beginning 1975, not estimated separately.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 5.—Wheat: Supply and disappearance, United States, 1964–78

Year beginning June	Supply				Disappearance						Ending stocks May 31
	Begin- ning stocks	Produc- tion	Im- ports ¹	Total	Domestic use				Exports ¹	Total disap- pear- ance	
					Food ²	Seed	Feed ³	Total			
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	993	1,283	2	2,279	514	66	55	635	723	1,358	921
1965	921	1,316	1	2,238	518	61	146	725	852	1,577	660
1966	660	1,305	2	1,967	505	77	101	683	771	1,454	513
1967	513	1,508	1	2,021	518	71	37	626	765	1,391	630
1968	630	1,557	1	2,188	522	61	157	740	544	1,284	904
1969	904	1,443	3	2,350	520	56	188	764	603	1,367	983
1970	983	1,352	1	2,336	517	62	193	772	741	1,513	823
1971	823	1,618	1	2,442	524	63	262	849	610	1,459	983
1972	983	1,546	1	2,530	532	67	200	799	1,135	1,934	597
1973	4597	1,711	3	2,311	544	84	126	754	1,217	1,971	340
1974	340	1,782	3	2,125	545	92	35	672	1,018	1,690	435
1975	435	2,122	2	2,559	589	99	33	721	1,173	1,894	665
1976	665	2,142	3	2,810	588	92	68	748	950	1,698	1,112
1977 ⁵	1,112	2,036	2	3,150	586	80	183	849	1,124	1,973	1,177
1978 ⁵	1,177	1,799	2	2,978	.....	.....	.....	.....	.....	.....	.....

¹ Imports and exports include flour and other products expressed in wheat equivalents. ² Used for food in the United States, U.S. Territories, and by the military. ³ Residual; approximates feed use. ⁴ Excludes an abnormally large volume of grain in transit. ⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1974–77¹

Item	Year beginning June				Item	Year beginning June			
	1974	1975	1976 ²	1977 ²		1974	1975	1976 ²	1977 ²
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>		<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
All wheat:					Hard red spring:				
Stocks, June 1 . . .	340	435	665	1,112	Stocks, June 1 . . .	87	104	116	250
Production	1,782	2,122	2,142	2,036	Production	293	327	411	398
Supply ³	2,125	2,559	2,810	3,150	Supply ³	382	432	528	649
Exports ⁴	1,018	1,173	950	1,124	Exports ⁴	130	160	124	156
Domestic disappearance	672	721	748	849	Domestic disappearance	148	156	154	161
Stocks, May 31	435	665	1,112	1,177	Stocks, May 31	104	116	250	332
Hard red winter:					Durum:				
Stocks, June 1 . . .	170	225	379	605	Stocks, June 1 . . .	33	26	53	92
Production	883	1,058	976	992	Production	81	123	135	80
Supply	1,053	1,283	1,355	1,597	Supply ³	114	150	190	173
Exports ⁴	510	581	418	535	Exports ⁴	47	52	41	62
Domestic disappearance	318	323	332	428	Domestic disappearance	41	45	57	44
Stocks, May 31	225	379	605	634	Stocks, May 31	26	53	92	67
Soft red winter:					White:				
Stocks, June 1 . . .	23	37	57	72	Stocks, June 1 . . .	27	43	60	93
Production	273	326	336	350	Production	252	288	284	216
Supply	296	363	393	422	Supply ³	280	331	344	309
Exports ⁴	136	165	181	197	Exports ⁴	195	215	186	174
Domestic disappearance	123	141	140	154	Domestic disappearance	42	56	65	62
Stocks, May 31	37	57	72	71	Stocks, May 31	43	60	93	73

¹ Data except production are approximations. ² Preliminary. ³ Total supply includes imports. ⁴ Imports and exports include flour and other products in wheat equivalents.

Economics, Statistics, and Cooperatives Service—Economics.

Table 7.—Wheat: Area, yield, and production, by States, 1976–78

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala.	140	135	130	85	90	65	27.0	28.0	26.0	2,295	2,520	1,690
Ariz.	440	147	145	431	140	138	75.0	72.0	70.0	32,325	10,080	9,660
Ark.	710	825	400	630	660	300	39.0	39.0	37.0	24,570	25,740	11,100
Calif.	1,150	915	770	940	678	715	63.5	64.5	64.1	59,720	43,700	45,825
Colo.	3,150	3,030	2,950	2,440	2,575	2,444	21.8	22.2	23.4	53,200	57,225	57,268
Del.	44	40	32	40	35	28	35.0	30.0	36.0	1,400	1,050	1,008
Fla.	19	19	17	14	13	12	30.0	29.0	36.0	420	377	432
Ga.	150	135	160	115	100	120	31.0	33.0	32.0	3,565	3,300	3,840
Idaho.	1,575	1,330	1,360	1,430	1,190	1,295	47.8	42.6	57.7	68,320	50,730	74,730
Ill.	1,900	1,650	1,050	1,850	1,570	930	39.0	43.0	38.0	72,150	67,510	35,340
Ind.	1,550	1,350	900	1,500	1,240	815	36.0	45.0	39.0	54,000	55,800	31,785
Iowa.	145	130	75	130	109	55	35.0	37.0	31.0	4,550	4,033	1,705
Kans.	12,900	13,200	11,300	11,300	12,100	10,200	30.0	28.5	30.0	339,000	344,850	306,000
Ky.	450	380	280	330	274	195	31.0	37.0	35.0	10,230	10,138	6,825
La.	45	50	40	23	25	17	33.0	34.0	36.0	759	850	612
Md.	150	140	115	138	120	108	38.0	36.0	37.0	5,244	4,320	3,996
Mich.	880	870	470	870	825	450	38.0	40.0	40.0	33,060	33,000	18,000
Minn.	4,155	3,425	2,850	4,056	3,327	2,776	32.2	39.6	33.6	130,482	131,894	93,225
Miss.	150	140	100	120	105	65	29.0	34.0	31.0	3,480	3,570	2,015
Mo.	2,025	2,000	960	1,760	1,760	840	33.0	39.0	34.0	58,080	68,640	28,560
Mont.	5,580	5,400	5,100	5,415	5,060	4,840	30.9	25.9	30.2	167,295	130,920	146,050
Nebr.	3,400	3,300	2,900	2,950	2,950	2,550	32.0	35.0	32.0	94,400	103,250	81,600
Nev.	34	30	29	31	28	26	54.1	55.7	59.2	1,677	1,560	1,540
N.J.	63	61	48	55	42	33	42.0	31.0	36.0	2,310	1,302	1,188
N.Mex.	528	555	477	262	425	298	26.0	21.5	19.0	6,825	9,137	5,662
N.Y.	185	190	86	175	175	75	38.0	39.0	35.0	6,650	6,825	2,625
N.C.	275	235	220	240	200	180	29.0	30.0	33.0	6,960	6,000	5,940
N.Dak.	11,930	9,960	9,760	11,655	9,254	9,585	24.7	24.8	29.8	287,830	229,907	286,065
Ohio.	1,700	1,580	1,200	1,600	1,540	1,125	40.0	47.0	39.0	64,000	72,380	43,875
Okla.	7,800	7,800	7,000	6,300	6,500	5,400	24.0	27.0	27.0	151,200	175,500	145,800
Oreg.	1,370	1,308	1,285	1,333	1,230	1,225	45.2	38.7	42.4	60,301	47,620	51,925
Pa.	315	285	255	300	270	245	30.0	33.0	33.0	9,000	8,910	8,085
S.C.	138	107	95	125	95	78	26.0	29.0	33.0	3,250	2,755	2,574
S.Dak.	3,950	3,655	3,575	2,990	3,016	3,090	13.2	23.9	21.4	39,520	71,964	66,000
Tenn.	365	373	310	300	280	220	37.0	36.0	35.0	11,100	10,080	7,700
Tex.	6,500	6,300	5,700	4,700	4,700	2,700	22.0	25.0	20.0	103,400	117,500	54,000
Utah.	300	251	215	264	204	188	24.7	23.1	29.8	6,519	4,716	5,599
Va.	275	250	205	240	205	155	32.0	31.0	35.0	7,680	6,355	5,425
Wash.	3,285	3,120	3,120	3,200	2,985	2,910	45.0	33.9	46.0	144,050	101,305	133,980
W.Va.	13	12	11	11	10	9	32.0	31.0	33.0	352	310	297
Wis.	98	83	48	93	75	45	34.8	41.0	34.7	3,238	3,075	1,560
Wyo.	370	353	351	330	281	294	24.1	20.0	25.9	7,955	5,620	7,606
U.S.	80,202	75,119	66,094	70,771	66,461	56,839	30.3	30.6	31.6	2,142,362	2,036,318	1,798,712

¹Includes area seeded in preceding fall for winter wheat.²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1976–78

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Winter wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.	140	135	130	85	90	65	27.0	28.0	26.0	2,295	2,520	1,690
Ariz.	115	58	50	112	55	47	75.0	72.0	70.0	8,400	3,960	3,290
Ark.	710	825	400	630	660	300	39.0	39.0	37.0	24,570	25,740	11,100
Calif.	1,060	885	650	860	650	600	62.0	64.0	62.0	53,320	41,600	37,200
Colo.	3,100	3,000	2,900	2,400	2,550	2,400	21.5	22.0	23.0	51,600	56,100	55,200
Del.	44	40	32	40	35	28	35.0	30.0	36.0	1,400	1,050	1,008
Fla.	19	19	17	14	13	12	30.0	29.0	36.0	420	377	432
Ga.	150	135	160	170	100	120	31.0	33.0	32.0	3,565	3,300	3,840
Idaho.	1,010	950	870	890	830	815	44.0	39.0	54.0	39,160	32,370	44,010
Ill.	1,900	1,650	1,050	1,850	1,570	930	39.0	43.0	38.0	72,150	67,510	35,340
Ind.	1,550	1,350	900	1,500	1,240	815	36.0	45.0	39.0	54,000	55,800	31,785
Iowa.	145	130	75	130	109	55	35.0	37.0	31.0	4,550	4,033	1,705
Kans.	12,900	13,200	11,300	11,300	12,100	10,200	30.0	28.5	30.0	339,000	344,850	306,000
Ky.	450	380	280	330	274	195	31.0	37.0	35.0	10,230	10,138	6,825
La.	45	50	40	23	25	17	33.0	34.0	36.0	759	850	612
Md.	150	140	115	138	120	108	38.0	36.0	37.0	5,244	4,320	3,996
Mich.	880	870	470	870	825	450	38.0	40.0	40.0	33,060	33,000	18,000
Minn.	180	140	70	163	105	58	26.0	33.0	29.0	4,238	3,465	1,682
Miss.	150	140	100	120	105	65	29.0	34.0	31.0	3,480	3,570	2,015
Mo.	2,025	2,000	960	1,760	1,780	840	33.0	39.0	34.0	58,080	68,640	28,560
Mont.	3,200	3,050	2,900	3,080	2,860	2,700	32.0	29.0	31.0	98,560	81,200	83,700
Nebr.	3,400	3,300	2,900	2,950	2,950	2,550	32.0	35.0	32.0	94,400	103,250	81,600
Nev.	19	17	12	18	16	11	65.0	60.0	65.0	1,170	960	715
N.J.	63	61	48	55	42	33	42.0	31.0	36.0	2,310	1,302	1,188
N.Mex.	510	551	477	245	421	298	23.0	21.0	19.0	5,635	8,841	5,662
N.Y.	185	190	86	175	175	75	38.0	39.0	35.0	6,650	6,825	2,625
N.C.	275	235	220	240	200	180	29.0	30.0	33.0	6,960	6,000	5,940
N.Dak.	140	160	160	135	104	135	28.0	23.0	29.0	3,780	2,392	3,915
Ohio.	1,700	1,580	1,200	1,600	1,540	1,125	40.0	47.0	39.0	64,000	72,380	43,875
Okla.	7,800	7,800	7,000	6,300	6,500	5,400	24.0	27.0	27.0	151,200	175,500	145,800
Oreg.	1,250	1,230	1,150	1,220	1,160	1,100	46.0	39.0	43.0	56,120	45,240	47,300
Pac.	315	285	255	300	270	245	30.0	33.0	33.0	9,000	8,910	8,085
S.C.	138	107	95	125	95	78	26.0	29.0	33.0	3,250	2,755	2,574
S.Dak.	1,190	1,160	1,080	970	680	700	18.0	25.0	26.0	17,460	17,000	18,200
Tenn.	365	373	310	300	280	220	37.0	36.0	35.0	11,100	10,080	7,700
Tex.	6,500	6,300	5,700	4,700	4,700	2,700	22.0	25.0	20.0	103,400	117,500	54,000
Utah.	250	225	190	222	180	167	23.5	23.0	29.0	5,217	4,140	4,843
Va.	275	250	205	240	205	155	32.0	31.0	35.0	7,680	6,355	5,425
Wash.	2,960	2,920	2,800	2,885	2,800	2,600	46.0	34.0	47.0	132,710	95,200	122,200
W.Va.	13	12	11	11	10	9	32.0	31.0	33.0	352	310	297
Wis.	67	65	35	64	60	33	37.0	43.0	36.0	2,368	2,580	1,188
Wyo.	330	327	327	295	260	275	24.0	20.0	26.0	7,080	5,200	7,150
U.S.	57,668	56,295	47,730	49,460	48,664	38,909	31.5	31.6	32.1	1,559,923	1,537,113	1,248,272
Durum wheat ³												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz.	325	89	95	319	85	91	75.0	72.0	70.0	23,925	6,120	6,370
Calif.	90	30	120	80	28	115	80.0	75.0	75.0	6,400	2,100	8,625
Minn.	95	85	100	93	82	98	29.5	34.5	38.5	2,744	2,829	3,773
Mont.	300	230	300	295	220	290	29.0	22.0	30.0	8,555	4,840	8,700
N.Mex. ⁴ ..	18	4	...	17	4	4	70.0	74.0	...	1,190	296	...
N.Dak.	3,710	2,600	3,300	3,620	2,470	3,240	25.0	24.5	31.5	90,500	60,515	102,060
S.Dak.	210	145	195	160	136	190	10.0	24.0	20.0	1,600	3,264	3,800
U.S.	4,748	3,183	4,110	4,584	3,025	4,024	29.4	26.4	33.1	134,914	79,964	133,328

See footnotes at end of table.

Table 8. — Wheat, by kinds: Area, yield, and production, by States, 1976–78 — Continued

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Other spring wheat												
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Colo.	50	30	50	40	25	44	40.0	45.0	47.0	1,600	1,125	2,068
Idaho.	565	380	490	540	360	480	54.0	51.0	64.0	29,160	18,360	30,720
Minn.	3,880	3,200	2,680	3,800	3,140	2,620	32.5	40.0	33.5	123,500	125,600	87,770
Mont.	2,080	2,120	1,900	2,040	2,040	1,850	29.5	22.0	29.0	60,180	44,880	53,650
Nev.	15	13	17	13	12	15	39.0	50.0	55.0	507	600	825
N.Dak.	8,080	7,200	6,300	7,900	6,680	6,210	24.5	25.0	29.0	193,550	167,000	180,090
Oreg.	120	78	135	113	70	125	37.0	34.0	37.0	4,181	2,380	4,625
S.Dak.	2,550	2,350	2,300	1,860	2,200	2,200	11.0	23.5	20.0	20,460	51,700	44,000
Utah.	50	26	25	42	24	21	31.0	24.0	36.0	1,302	576	756
Wash.	325	200	320	315	185	310	36.0	33.0	38.0	11,340	6,105	11,780
Wis.	31	18	13	29	15	12	30.0	33.0	31.0	870	495	372
Wyo.	40	26	24	35	21	19	25.0	20.0	24.0	875	420	456
U.S.	17,786	15,641	14,254	16,727	14,772	13,906	26.8	28.4	30.0	447,525	419,241	417,112

¹ Area seeded in preceding fall for winter wheat.² Preliminary.³ Small additional quantities of durum wheat are grown in other than the States shown here but are included with "Other spring wheat."⁴ Beginning 1978 included in "Winter wheat."

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 9. — Wheat: Price-support operations, United States, 1964–79

Your beginning July ¹	Support price		Put under support ⁴		Acquired by CCC under support program ⁵	Owned by CCC June 30 ¹
	Per bushel ²	Percentage of parity ³	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964.	1.78	71	206	16.1	87	608
1965.	1.72	67	173	13.1	11	262
1966.	1.90	74	133	10.2	12	124
1967.	1.85	71	282	18.7	83	102
1968.	1.83	69	453	28.7	178	⁶ 157
1969.	1.94	70	408	27.9	97	⁶ 290
1970.	2.00	71	254	18.5	11	⁶ 364
1971.	1.79	61	438	27.1	13	⁶ 358
1972.	1.72	57	143	9.3	.....	⁶ 6
1973.	1.46	43	60	3.5	.....	⁶ 6
1974.	2.05	53	36	2.0	.....	.....
1975.	2.05	45	48	2.2	.....	.....
1976.	2.29	47	499	23.3	48	⁶ 58
1977.	2.90/2.47	57/49	⁷ 591	⁷ 29.2	72	⁶ 48
1978.	3.40	65	⁷ 245	⁷ 13.6	.....	⁶ 50
1979.	3.40	.....	.....	.....	.....	.....

¹ Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.² A loan level of \$1.30 in 1964, and \$1.25 from 1965 to 1973, plus the average marketing certificate payment per bushel was paid to program participants. Loan level protection for 1974 and 1975 is \$1.37 and, for 1976 and 1977, \$2.25, on entire production. For 1974 to 1976, the target level is a price guarantee on allotment production at levels indicated under support price. For 1977, target level of \$2.90 was set up under the Food and Agricultural Act of 1977; \$2.47 is the target level for unplanted allotment acreage. For 1978 and 1979, crop loan rate \$2.35; target price \$3.40.³ Percentage of parity price as of the beginning of the marketing year.⁴ Represents loans made, purchases, and purchase agreements entered into.⁵ Acquisitions through loan cancellations and purchases (under agreement and direct) only from crop harvested in the year indicated.⁶ Uncommitted CCC inventory.⁷ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 10.—Wheat: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of —	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	1,690	473	1,217	3.00	5,070	3,651
Ariz	9,660	628	9,036	2.93	28,343	26,500
Ark	11,100	622	10,478	2.95	32,745	30,910
Calif	45,825	2,108	43,717	3.25	149,066	142,209
Colo	57,268	2,233	55,035	2.75	157,384	151,244
Del	1,008	94	914	2.95	2,974	2,696
Fla	432	41	391	3.00	1,296	1,173
Ga	3,840	660	3,180	2.95	11,328	9,381
Idaho	74,730	2,616	72,114	3.08	230,127	222,074
Ill	35,340	1,908	33,432	3.05	107,787	101,968
Ind	31,785	2,447	29,338	3.00	95,355	88,014
Iowa	1,705	189	1,516	2.65	4,518	4,017
Kans	306,000	11,322	294,678	2.85	872,100	839,832
Ky	6,825	1,331	5,494	3.15	21,499	17,306
La	612	59	553	3.05	1,867	1,687
Md	3,996	412	3,584	3.00	11,988	10,752
Mich	18,000	1,062	16,938	3.35	60,300	56,742
Minn	93,225	2,890	90,335	2.85	266,005	257,759
Miss	2,015	206	1,809	2.95	5,944	5,337
Mo	28,560	3,541	25,019	2.95	84,252	73,806
Mont	146,050	5,404	140,646	2.76	402,508	387,614
Nebr	81,600	4,406	77,194	2.70	220,320	208,424
Nev	1,540	448	1,092	3.35	5,154	3,655
N.J	1,188	115	1,073	3.00	3,564	3,219
N.Mex	5,662	498	5,164	2.85	16,137	14,717
N.Y	2,625	346	2,279	3.40	8,925	7,749
N.C	5,940	1,331	4,609	2.85	16,929	13,136
N.Dak	286,065	8,296	277,769	2.75	787,097	764,269
Ohio	43,875	3,027	40,848	3.20	140,400	130,714
Okla	145,800	7,873	137,927	3.00	437,400	413,781
Oreg	51,925	1,714	50,211	3.45	179,141	173,228
Pa.	8,085	1,334	6,751	3.30	26,681	22,278
S.C	2,574	605	1,969	3.00	7,722	5,907
S.Dak	66,000	3,498	62,502	2.76	182,260	172,600
Tenn	7,700	1,563	6,137	2.85	21,945	17,490
Tex	54,000	3,240	50,760	2.95	159,300	149,742
Utah	5,599	526	5,073	2.99	16,759	15,185
Va	5,425	1,318	4,107	3.05	16,546	12,526
Wash	133,980	2,546	131,434	3.40	455,532	446,875
W.Va	297	137	160	3.00	891	480
Wis	1,560	75	1,485	2.80	4,368	4,158
Wyo	7,606	593	7,013	2.75	20,940	19,304
U.S.	1,798,712	83,735	1,714,977	2.94	5,280,467	5,034,109

Economics, Statistics, and Cooperative Service—Crop Reporting Board.

Table 11.—Wheat: Area, yield per hectare, and production in specified countries, 1976–78¹

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	<i>1,000 hec- tares</i>	<i>1,000 hec- tares</i>	<i>1,000 hec- tares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada	11,252	10,114	10,574	2.10	1.96	2.00	23,587	19,862	21,145
Guatemala	48	60	62	.90	.98	1.05	43	59	65
Honduras	1	1	1	1.00	1.00	1.00	1	1	1
Mexico	885	800	800	3.79	2.88	3.38	3,350	2,300	2,700
United States	28,640	26,896	23,002	2.04	2.06	2.13	58,306	55,412	48,962
Total	40,826	37,871	34,439	2.09	2.05	2.12	85,287	77,634	72,873
South America:									
Argentina	6,428	3,910	4,600	1.71	1.36	1.60	11,000	5,300	7,360
Bolivia	78	73	75	.90	.66	1.04	70	48	78
Brazil	3,624	2,800	2,620	.83	.71	.97	3,000	2,000	2,530
Chile	628	580	550	1.94	1.54	1.65	1,219	893	908
Colombia	36	25	32	1.36	1.20	1.47	49	30	47
Ecuador	52	22	20	.88	.91	.95	46	20	19
Paraguay	30	30	33	.63	1.50	1.52	19	45	50
Peru	140	135	100	1.06	.96	.90	148	130	90
Uruguay	500	297	250	1.01	.58	1.00	504	173	250
Venezuela	2	2	2	.50	.50	.50	1	1	1
Total	11,518	7,874	8,282	1.39	1.10	1.37	16,056	8,640	11,333
Europe:									
Belgium-Luxembourg	212	194	195	4.40	4.10	4.56	932	796	890
Denmark	127	116	121	4.50	5.22	5.69	571	605	688
France	4,290	4,125	4,208	3.76	4.23	4.91	16,150	17,450	20,664
Germany, Fed. Rep. of	1,632	1,599	1,617	4.11	4.52	5.02	6,702	7,235	8,124
Ireland	53	48	56	4.00	5.21	4.64	212	250	260
Italy	3,552	2,786	3,489	2.68	2.23	2.55	9,528	6,218	8,900
Netherlands	130	126	121	5.46	5.25	5.70	710	661	690
United Kingdom	1,231	1,076	1,263	3.85	4.88	5.23	4,740	5,250	6,600
Total EC	11,227	10,070	11,070	3.52	3.82	4.23	39,545	38,465	46,816
Austria	289	285	280	4.27	3.76	3.86	1,234	1,072	1,081
Finland	220	127	118	2.27	2.32	1.27	654	295	150
Greece	920	907	940	2.56	1.89	2.79	2,351	1,716	2,625
Malta-Gozo	1	1	1	2.00	2.00	2.00	2	2	2
Norway	20	21	23	3.25	3.67	3.48	65	77	80
Portugal	533	279	379	1.26	.70	.69	671	196	263
Spain	2,772	2,682	2,764	1.60	1.50	1.75	4,436	4,020	4,837
Sweden	395	374	289	4.46	4.07	4.66	1,763	1,522	1,347
Switzerland	88	85	87	4.38	3.65	4.14	385	310	360
Total Western Europe	16,465	14,831	15,951	3.10	3.21	3.61	51,106	47,675	57,561
Albania	180	170	170	1.50	2.29	2.29	270	390	390
Bulgaria	793	774	750	3.93	3.89	4.00	3,116	3,011	3,000
Czechoslovakia	1,278	1,281	1,200	3.76	4.07	4.17	4,807	5,214	5,000
German Dem. Rep.	762	732	770	3.56	3.98	3.77	2,715	2,914	2,900
Hungary	1,325	1,311	1,324	3.88	4.06	4.28	5,138	5,319	5,665
Poland	1,832	1,834	1,852	3.14	2.90	3.24	5,745	5,310	6,000
Romania	2,388	2,269	2,280	2.81	2.85	2.68	6,720	6,465	6,112
Yugoslavia	1,723	1,604	1,711	3.47	3.49	3.14	5,979	5,595	5,373
Total Eastern Europe	10,281	9,975	10,057	3.35	3.43	3.42	34,490	34,218	34,440
Total Europe	26,746	24,806	26,008	3.20	3.30	3.54	85,596	81,893	92,001
Soviet Union (Europe and Asia)	59,462	62,030	62,800	1.63	1.49	1.83	96,882	92,161	115,000
Africa:									
Algeria	2,150	2,150	2,150	.93	.70	.84	2,000	1,500	1,800
Angola	13	13	17	.77	.77	.59	10	10	10
Egypt	586	507	567	3.36	3.35	3.26	1,970	1,697	1,850
Ethiopia	575	600	600	.80	.83	.83	460	500	500
Kenya	120	122	123	1.50	1.18	1.59	180	144	196
Libya	120	120	120	.67	.67	.63	80	80	75
Morocco	1,921	1,929	1,965	1.11	.67	.92	2,135	1,288	1,814
Mozambique	6	6	6	.50	.50	.50	3	3	3
Nigeria	5	5	5	1.40	1.60	1.60	7	8	8
Southern Rhodesia	28	28	35	3.04	3.04	2.57	85	85	90
South Africa	1,866	1,705	1,792	1.20	1.09	1.12	2,239	1,860	2,000
Sudan	200	200	220	1.25	1.85	1.00	250	370	220

See footnotes at end of table.

Table 11.—Wheat: Area, yield per hectare, and production in specified countries, 1976-78¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	<i>1,000 hec- tares</i>	<i>1,000 hec- tares</i>	<i>1,000 hec- tares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Africa—Continued									
Tanzania	50	50	50	1.00	0.70	0.86	50	35	43
Tunisia	1,050	1,100	1,100	.84	.52	.60	880	570	660
Zambia	1	1	3	2.00	6.00	4.00	2	6	12
Zaire	3	4	5	.67	.75	1.00	2	3	5
Total	8,694	8,540	8,758	1.19	.96	1.06	10,353	8,159	9,286
Asia:									
Afghanistan	3,000	2,450	2,500	.98	1.18	1.12	2,940	2,900	2,800
Bangladesh	146	181	200	1.87	1.96	2.00	273	355	400
Burma	70	83	70	.93	.78	.93	65	65	65
China, Mainland	27,900	27,500	27,600	1.54	1.47	1.59	43,000	40,500	44,000
Cyprus	65	65	65	1.00	.38	.38	65	25	25
India	20,454	20,922	21,203	1.41	1.39	1.48	28,846	29,010	31,328
Iran	5,000	5,000	5,100	1.10	1.00	1.04	5,500	5,000	5,300
Iraq	1,750	857	1,250	.75	.81	.96	1,312	696	1,200
Israel	102	107	95	1.99	2.15	1.79	203	230	170
Japan	89	86	112	2.49	2.74	3.27	222	236	366
Jordan	137	76	76	.50	.83	.68	68	63	52
Korea, North	160	160	160	.53	.53	.63	85	85	100
Korea, Rep. of	37	27	35	2.22	1.67	1.03	82	45	36
Lebanon	60	35	35	.67	1.43	1.57	40	50	55
Nepal	348	280	280	1.04	1.29	1.29	362	360	360
Outer Mongolia	360	324	324	.79	.86	.86	285	280	280
Pakistan	6,111	6,354	6,227	1.42	1.41	1.31	8,691	8,941	8,128
Saudi Arabia	100	58	58	1.50	2.59	3.02	150	150	175
Syria	1,590	1,550	1,550	1.13	.79	1.03	1,790	1,217	1,600
Turkey	8,600	8,500	8,600	1.51	1.59	1.55	13,000	13,500	13,300
Yemen, Southern (Aden)	14	14	14	1.00	1.00	1.00	14	14	14
Total	76,093	74,629	75,554	1.41	1.39	1.45	106,993	103,722	109,754
Oceania:									
Australia	8,943	9,952	10,117	1.32	.93	1.44	11,825	9,299	14,545
New Zealand	94	94	100	3.93	3.74	3.70	369	352	370
Total	9,037	10,046	10,217	1.35	.96	1.46	12,194	9,651	14,915
World total	232,376	225,796	226,058	1.78	1.69	1.88	413,361	381,860	425,162

¹ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1978 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1978 and end early in 1979.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 12.—Wheat and wheat flour: United States imports, 1964–77

Year beginning June	Wheat		Flour (wheat equivalent) ²	Other products (wheat equivalent) ³	Total wheat, flour, and other products	Wheat for milling in bond and export as flour
	Suitable for milling ¹	Unfit for human consumption				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1964	800	738	90	232	1,860	0
1965	4	552	87	277	920	0
1966	891	400	174	368	1,833	0
1967	(4)	460	27	438	925	0
1968	(4)	484	91	471	1,046	0
1969	794	1,417	55	567	2,833	0
1970	397	265	90	723	1,475	0
1971	101	82	89	781	1,053	0
1972	29	52	90	1,131	1,302	0
1973	1,262	70	178	1,113	2,623	0
1974	1,734	109	387	1,134	3,364	0
1975	631	344	92	1,307	2,374	0
1976	1,298	20	32	1,381	2,731	0
1977	424	2	20	1,475	1,921	0

¹Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1943–44 and 1944–45 this import restriction was waived. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended. ²Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export." ³Includes macaroni, semolina, and similar products. ⁴Less than 500 bushels.

Economics, Statistics, and Cooperatives Service — Economics.

Table 13.—Wheat and wheat flour: United States exports under specified Government programs, 1964–77

Year ¹	Public Law 480					Mutual security (AID) ⁷	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency ²	Long-term dollar and convertible foreign currency credit sales ³	Government-to-government and World Food Program ⁴	Voluntary relief agencies ⁵	Barter for strategic materials ⁶		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	445,949	59,843	17,420	28,863	3,545	126	555,746
1965	385,492	80,969	32,598	25,216	5,078	177	529,530
1966	215,152	39,719	24,032	15,779	1,869	2,194	298,745
1967	225,308	117,729	26,654	12,547	.....	746	382,984
1968	82,558	111,940	36,151	9,951	.....	1,515	242,115
1969	69,447	154,697	33,668	11,430	.....	.....	269,242
1970	46,970	143,267	30,477	11,381	.....	966	233,061
1971	22,686	153,382	37,858	13,006	.....	754	227,686
1972 .....	.....	90,576	35,954	12,603	.....	8—86	139,047
1973 .....	.....	26,355	10,891	8,502	.....	11,074	56,822
1974 .....	.....	102,269	6,705	7,873	.....	.....	116,847
1975 .....	.....	105,861	2,734	7,046	.....	8,348	123,989
(9) .....	.....	(44,350)	(2,752)	(1,526)	.....	(6,481)	(55,109)
1976 .....	.....	133,504	8,887	17,842	.....	15,836	158,277
1977 .....	.....	126,801	6,962	13,140	.....	13,779	160,682

¹Year beginning July 1 for 1964–75 and Oct. 1 beginning 1976. ²Authorized by Title I, P.L. 480. ³Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89–808. ⁴Authorized by Title II, P.L. 480. ⁵Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. ⁶Authorized by Title II, P.L. 480, as amended by P.L. 89–808, effective Jan. 1, 1967. ⁷Authorized by Sec. 303, Title III, P.L. 480, and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963. ⁸Foreign Assistance Act of 1961, as amended. ⁹Negative quantity due to adjustments for prior periods. ⁹Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service — Economics.

Table 14. — Wheat and wheat flour in terms of grain: International trade, 1975–77

Country	Year beginning July					
	1975		1976		1977 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Principal exporters:						
Canada	12,139		12,900		12,882	
United States ²	31,522	54	25,731	82	25,752	82
Argentina	3,188		5,650		5,600	
Australia	7,871		8,450		8,515	
Uruguay	46		104		104	
Bulgaria	112			100		100
France	9129	390	6,780	187	6,780	187
Italy	753	1903	770	2,431	770	2,431
Romania	705	854	1,385	828	1,385	925
Spain	7	47	10	21	29	107
Sweden	771	9	903	11	903	13
Soviet Union	500	10,100	1,000	4,500	1,000	4,600
Algeria		1,663		1,289		1,289
Morocco		1,235		973		1,034
Syria		222		235	10	316
Tunisia		301		457		457
Turkey	20		300		52	
Total ³	66,763	16,788	63,983	11,114	63,782	11,541
Principal importers:						
Jamaica		138		135		125
Trinidad and Tobago		122		100		100
Cuba		830		830		922
Brazil		3,705		2,696		2,911
Peru		825		850		750
Austria	88	8	1	13		16
Belgium and Luxembourg	1,277	1,312	450	700	547	699
Denmark	158	26	190	3	210	30
Finland	24	10	159	6	159	6
Germany, Fed. Rep. of	1,677	1,525	1,480	1,379	50	1,700
Greece	221	2	240	2	240	2
Ireland	5	215	9	169	22	202
Netherlands		2,127		1,231	568	1,373
Norway		330		288		305
Switzerland	14	240	14	279	14	273
United Kingdom	306	4,269	18	3,424	88	3,424
Yugoslavia	7	602	13	550	13	561
Egypt		3,800		4,100		3,883
South Africa	29		265		200	
India		6,660		3,526		3,700
Indonesia		834		1,000		1,155
Israel		492		462		462
Japan	36	5,923	36	5,521	36	5,521
Korea, Rep. of		1,445		1,993		1,993
Lebanon	1	346		363		347
Malaysia		404		400	23	428
Pakistan		1,025		373		348
Philippines		550		775		775
Total ³	3,843	37,765	2,945	31,168	2,170	32,011

¹ Preliminary.² United States exports exclude exports of flour milled in bond from imported wheat.³ Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 15.—Wheat and flour:¹ United States exports (domestic) by country of destination, 1976 and 1977

Country of destination	Year ²		Country of destination	Year ²	
	1976	1977		1976	1977
Wheat:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	Wheat flour, wholly of	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Canada	(3)	(3)	U.S. wheat:		
Central America	16,062	18,119	Central America	530	
Caribbean	9,034	9,465	Jamaica	634	1,506
Brazil	18,944	98,946	Trinidad and Tobago	2	4
Chile	14,996	32,063	Other Caribbean	952	452
Colombia	11,204	18,651	Bolivia	338	238
Ecuador	8,394	8,511	Brazil	80	27
Peru	15,658	14,617	Chile	516	414
Venezuela	23,653	26,531	Colombia	448	128
Other Americas	17,415	21,100	Guyana	6	123
Total Americas	135,360	248,003	Other Americas	1,786	752
Belgium and Luxembourg	1,804	787	Total Americas	5,292	3,644
France	668	6,337	Greece		2
Germany, Fed. Rep. of	8,168	7,164	Netherlands	96	68
Ireland			Portugal		
Italy	8,000	18,950	Other Europe	215	149
Netherlands	20,247	31,768	Total Europe	311	219
Norway		2,337	Sri Lanka	10,252	7,883
Portugal	18,562	15,619	Japan	4	3
Spain	2,401	3,501	Jordan	336	164
Switzerland	375	1,166	Korea, Rep. of	1	2
United Kingdom	2,146	5,461	Lebanon	119	57
Other Europe	145,293	160,330	Philippines	612	801
Total Europe	207,664	253,420	Saudi Arabia	10,376	8,169
China, Taiwan	16,829	23,009	Other Asia	955	1,648
India	21,000	4,101	Total Asia	22,655	18,727
Iran	46,116	41,516	Ghana	8	4
Israel	19,136	15,614	Morocco	1,357	1,406
Japan	123,637	116,650	Other Africa	17,009	22,847
Korea, Rep. of	72,402	59,858	Total Africa	18,374	24,257
Lebanon	2,479	2,945	Oceania	112	80
Pakistan	6,319	39,080	World total	46,744	46,927
Philippines	14,604	23,274	Relief or charity ⁴	7,842	5,711
Syria	970	281			
Turkey	2,358				
Other Asia	50,142	115,416			
Algeria	16,388	25,065			
Morocco	12,042	31,797			
South Africa					
Tunisia	6,556	6,547			
Other Africa	97,134	98,197			
Other countries	22,115	64,138			
World total	873,251	1,168,911			
Relief or charity ⁴	12,379	9,135			

¹Flour reported in terms of grain equivalent.²Year beginning Oct. 1.³Transshipments through Canada have been included in data for countries of ultimate destination.⁴Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 16.—International Wheat Agreement : Recorded exports of wheat and flour (grain equivalent), crop year 1977–78¹

Member country imports	Member country exports							
	United States	Canada	European Community	Australia	Argentina	Sweden	Spain and Greece	Grand total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Algeria	721,142	600,648	174,481		20,001	43,287	57,365	1,616,924
Australia			129					129
Austria			5,963					5,963
Barbados	1,325	7,655	7,933	107				17,020
Bolivia	139,646	317	2,666		41,847			184,476
Brazil	2,487,927	817,009	14		27,500			3,332,450
Canada		8,911	88					8,999
Costa Rica	87,596							87,596
Cuba		925,289			35,321			960,610
Dominican Republic	158,144	2,940	136		4,000			165,220
Egypt	1,902,442	521,123	747,785	1,216,192		7,742		4,395,284
Ecuador	261,700	42						261,742
El Salvador	134,935							134,935
European Community:								
Belgium	58,900	21,053			4,230	4,000		88,183
France	175,500	72,231						247,731
Germany, Fed. Rep. of	197,600	97,688						295,288
Italy	757,300	952,500			264,578			1,974,378
Netherlands	1,040,628	289,496			35,474			1,365,596
United Kingdom	185,000	1,547,151						1,732,151
Unspecified ²							5,605	5,605
Finland		6,000	224			5,500		11,724
Greece		1,036	1,859					2,895
Guatemala	97,676							97,676
India	405,285	600	114,926	4		6,000		526,815
Iran	1,099,800		294					1,100,094
Iraq	532,400	244,617	16,626	496,517				1,290,160
Israel	421,533		10,622					432,155
Japan	3,179,900	1,487,792	3	1,148,495	5,000			5,816,190
Kenya	15,285		2,833					23,118
Korea, Rep. of	1,717,400	52,397	16					1,769,813
Lebanon	117,188	130,375	26,135					273,698
Libya	38,500	11,000	144,461					193,961
Malta	33,400		1,040					34,440
Mauritius			43,346	23,462				66,808
Morocco	938,553	261,593	6,687		31,193	61,883	1,312	1,301,221
Nigeria	803,948	2,625	146,999		6,050			959,622
Norway	98,900	120,845	367			115,800		335,912
Pakistan	636,880	88,668	53,215	230,240		20,000		1,029,003
Panama	58,036							58,036
Peru	391,341	53,921	7,500	78,750	262,658			794,170
Portugal	553,200	56,879	3,238				4,600	617,917
Saudi Arabia	362,982		283,286	118,260				764,528
South Africa		100	236					336
Spain	91,858	15,647	474		77,417			185,396
Sweden			786					786
Switzerland	51,200	67,836	5,248					124,284
Syria		288,613	165,164					453,777
Trinidad and Tobago	40,200	63,936	608					104,744
Tunisia	300,914	44,361	29,871		29,104			404,250
Turkey	150							150
United Kingdom Territories								
United States	105,665	59,857	6,726	16,770				189,018
Soviet Union			316					316
Venezuela	3,274,300	1,673,838	1	203,643	1,122,679			6,274,461
	756,900		26					756,926
Total	24,442,090	10,587,678	2,012,328	3,537,440	1,962,052	264,212	68,882	42,874,682

¹ Data in this table are limited to exports and imports of wheat and flour during July 1, 1977 through June 30, 1978 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 23 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA.

² Country of destination within EC not reported to International Wheat Council.

³ Includes the only export by Greece of 5,600.

Office of the General Sales Manager. Data from International Wheat Council Report for crop year 1977–78.

Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1964–78

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers ²	Value of production
	Planted ¹	Harvested			For seed	Fed to livestock			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	4,552	1,696	19.1	32,476	1,856	3,341	27,279	1.04	34,041
1965	4,237	1,473	22.6	33,307	1,562	3,347	28,398	.977	32,983
1966	3,980	1,276	21.8	27,791	1,458	3,119	23,214	1.06	29,977
1967	3,660	1,063	22.5	23,949	1,293	2,626	20,030	1.07	26,001
1968	3,425	996	23.1	22,971	1,391	2,354	19,226	1.02	23,666
1969	3,959	1,291	23.4	30,204	³ 4,594		25,610	1.01	30,647
1970	4,196	1,427	25.8	36,840	5,696		31,144	.990	36,711
1971	4,842	1,751	28.1	49,223	6,497		42,726	.898	44,844
1972	3,458	1,050	26.9	28,256	4,216		24,040	.963	27,791
1973	3,380	955	25.8	24,677	4,672		20,005	1.91	46,532
1974	2,828	784	22.3	17,506	3,850		13,656	2.51	43,876
1975	2,829	729	21.9	15,958	3,659		12,299	2.36	37,491
1976	2,652	721	20.7	14,951	3,660		11,291	2.47	37,199
1977	2,652	704	24.6	17,312	3,866		13,446	2.05	36,029
1978 ⁴	2,985	995	26.3	26,160	4,504		21,656	1.98	52,569

¹Includes rye sown in preceding fall.

²Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

³Beginning 1969, not estimated separately.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 18.—Rye: Stocks on and off farms, United States, 1964–1978

Year beginning October	On farms				Off farms ²			
	Oct. 1	Jan. 1	Apr. 1	July 1 ¹	Oct. 1	Jan. 1	Apr. 1	July ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	17,741	11,340	9,216	2,638	11,495	9,643	8,150	10,215
1965	18,223	13,136	9,938	3,949	17,822	15,677	14,869	15,056
1966	15,536	9,552	7,532	3,580	22,188	18,821	16,756	15,097
1967	12,240	8,652	6,756	3,724	20,998	19,010	16,407	14,288
1968	13,250	8,770	5,841	1,990	18,314	15,425	14,097	13,967
1969	15,598	10,610	7,321	2,797	21,946	18,729	16,981	18,333
1970	20,313	14,437	10,219	2,328	27,829	26,367	24,142	25,548
1971	28,306	21,500	17,172	11,541	36,435	33,115	32,158	34,091
1972	20,701	15,471	12,641	6,607	40,632	38,058	35,781	26,484
1973	13,764	7,343	4,194	2,603	22,152	13,640	13,456	8,214
1974	10,935	6,082	3,861	2,717	8,881	5,509	4,080	2,941
1975	9,002	5,308	2,926	2,033	5,654	3,777	2,830	2,371
1976	7,944	4,739	2,841	1,953	6,120	4,151	3,367	2,465
1977	10,686	6,382	4,159	2,706	4,074	2,910	1,963	1,431
1978 ³	17,120	11,087	8,662	.....	6,877	5,178	3,906	.....

¹ Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.

² Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 19.—Rye: Supply and disappearance, United States, 1964–1978

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use					Ex- ports	Total disap- pear- ance	
					Food	Seed	Indus- try	Feed ¹	Total			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	6,465	32,476	2,111	41,052	4,910	6,019	3,854	9,975	24,758	2,192	26,950	14,102
1965	14,102	33,307	1,972	49,381	5,237	5,682	4,278	9,935	25,132	3,780	28,912	20,469
1966	20,469	27,791	1,501	49,761	5,153	5,422	4,712	9,895	25,182	4,205	29,387	20,374
1967	20,374	23,949	759	45,082	5,704	5,143	4,755	6,968	22,570	2,993	25,563	19,519
1968	19,519	22,971	1,056	43,546	5,563	5,753	4,697	9,157	25,170	1,082	26,252	17,294
1969	17,294	30,204	472	47,970	5,392	6,054	4,310	9,529	25,285	805	26,090	21,880
1970	21,880	36,840	1,047	59,767	5,430	6,873	3,522	11,407	27,232	3,204	30,436	29,331
1971	29,331	49,223	241	78,795	5,195	5,262	3,005	16,276	29,738	2,177	31,915	46,880
1972	46,880	28,256	154	75,290	5,122	5,321	3,038	16,458	29,939	6,535	36,474	38,816
1973	38,816	24,677	1	63,494	6,250	4,967	2,547	8,042	21,806	27,513	49,319	14,175
1974	14,175	17,506	277	31,958	5,459	4,215	1,386	7,811	18,871	6,465	25,336	6,622
1975	6,622	15,958	944	23,524	4,172	4,217	2,060	7,554	18,003	1,117	19,120	4,404
1976	4,404	14,951	248	19,603	3,696	4,217	1,930	5,304	15,147	38	15,185	4,418
1977 ²	4,418	17,312	127	21,857	3,648	4,806	1,892	7,350	17,696	24	17,720	4,137
1978 ²	4,137	26,160	200	30,497	.....	.....	.....	.....	.....	.....	.....	.....

¹ Residual item; roughly approximates total use as feed.² Preliminary.

Economics, Statistics, and Cooperatives Service — Economics.

Table 20.—Rye: Area, yield, and production, by States 1976–1978

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush- els</i>	<i>Bush- els</i>	<i>Bush- els</i>	<i>1,000 bush- els</i>	<i>1,000 bush- els</i>	<i>1,000 bush- els</i>
Colo	35	30	30	7	4	5	23.0	20.0	21.0	161	80	105
Del	32	30	35	4	4	4	27.0	25.0	25.0	108	100	100
Ga	390	425	490	95	95	110	22.0	21.0	23.0	2,090	1,995	2,530
Ill	50	55	40	15	15	16	21.0	22.0	23.0	315	330	368
Ind	50	55	40	10	10	9	23.0	26.0	25.0	230	260	225
Iowa	24	20	19	5	4	5	28.0	29.0	30.0	140	116	150
Kans	50	60	90	8	10	15	17.0	18.0	21.0	136	180	315
Ky	60	56	59	3	4	4	20.0	27.0	27.0	60	108	108
Md	65	62	70	8	8	9	30.0	29.0	30.0	240	232	270
Mich	125	115	130	18	19	25	26.0	24.0	24.0	468	456	600
Minn	116	104	115	105	84	98	19.5	29.0	24.0	2,048	2,436	2,352
Mo	62	65	47	5	6	7	21.0	27.0	25.0	105	162	175
Nebr	100	90	95	45	50	53	17.0	21.0	19.0	765	1,050	1,007
N.J.	77	76	76	8	9	11	30.0	29.0	23.0	240	261	253
N.Y.	100	105	105	9	9	9	30.0	31.0	31.0	270	279	279
N.C.	130	130	135	20	21	20	19.0	19.0	23.0	380	399	460
N.Dak	120	110	220	11	80	205	25.5	26.0	31.0	2,831	2,080	6,355
Ohio	80	80	85	7	8	8	30.0	31.0	30.0	210	248	240
Okla	170	190	190	32	34	30	19.0	19.0	19.0	608	646	570
Oreg	40	35	36	7	5	7	24.0	25.0	25.0	168	125	175
Pa	65	65	65	12	12	16	26.0	31.0	32.0	312	372	512
S.C.	120	120	125	30	32	38	17.0	20.0	22.0	510	640	836
S.Dak	165	175	240	99	120	220	15.0	29.0	31.0	1,485	3,480	6,820
Tenn	22	22	24	2	2	2	27.0	23.0	19.0	54	46	38
Tex	175	150	150	27	25	29	14.0	16.0	14.0	378	400	406
Va	150	150	180	11	14	17	24.0	25.0	25.0	264	350	425
Wash	20	23	23	3	3	3	22.0	20.0	21.0	66	60	63
Wis	35	35	40	12	14	17	21.0	26.0	21.0	252	364	357
Wyo	9	9	6	3	3	3	19.0	19.0	22.0	57	57	66
U.S.	2,652	2,652	2,985	721	704	995	20.7	24.6	26.3	14,951	17,312	26,160

¹ Relates to the total area of rye sown for all purposes.² Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 21.—Rye: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	Dollars	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Colo	105	30	75	1.45	152	109
Del	100	28	72	2.65	265	191
Ga	2,530	1,063	1,467	1.60	4,048	2,347
Ill	368	55	313	2.30	846	720
Ind	225	74	151	2.60	585	393
Iowa	150	54	96	2.60	390	250
Kans	315	85	230	1.85	583	426
Ky	108	33	75	2.60	281	195
Md	270	111	159	2.65	716	421
Mich	600	222	378	2.05	1,230	775
Minn	2,352	188	2,164	2.00	4,704	4,328
Mo	175	35	140	2.55	446	357
Nebr	1,007	211	796	2.05	2,064	1,632
N.J.	253	58	195	2.75	696	536
N.Y.	279	95	184	2.75	767	506
N.C.	460	152	308	2.65	1,219	816
N.Dak	6,355	381	5,974	1.70	10,804	10,156
Ohio	240	91	149	2.05	492	305
Okla	570	171	399	2.65	1,511	1,057
Oreg	175	24	151	2.10	368	317
Pa	512	312	200	2.50	1,280	500
S.C.	836	209	627	2.60	2,174	1,630
S.Dak	6,820	409	6,411	1.90	12,958	12,181
Tenn	38	11	27	2.35	89	63
Tex	406	126	280	3.00	1,218	840
Va	425	153	272	4.00	1,700	1,088
Wash	63	3	60	2.00	126	120
Wis	357	107	250	2.05	732	513
Wyo	66	13	53	1.90	125	101
U.S.	26,160	4,504	21,656	1.98	52,569	42,873

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 22.—Rye: Price-support operations, United States, 1964–79

Year beginning July ¹	Support price		Put under support ³		Acquired by CCC under support program ⁴	Owned by CCC June 30 ¹
	Per bushel	Percentage of parity ²	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	1.07	78	6.8	20.9	6.6	5.9
1965	1.02	73	6.9	20.7	5.2	9.2
1966	1.02	72	2.4	8.6	1.6	7.3
1967	1.02	73	2.7	11.3	2.5	8.0
1968	1.02	72	4.6	19.7	3.0	⁵ 10.9
1969	1.02	69	6.9	21.8	6.2	⁵ 16.1
1970	1.02	68	12.1	32.9	11.2	⁵ 20.9
1971 . . . . .	.89	57	20.0	40.6	11.5	⁵ 31.0
1972 . . . . .	.89	56	6.9	23.6	1.5	⁵ 1
1973 . . . . .	.89	51	.4	1.5	.....	.....
1974 . . . . .	.89	46	.2	1.0	.....	.....
1975 . . . . .	.89	39	.1	.6	.....	.....
1976	1.20	48	.1	1.0	.....	.....
1977	1.70	61	.9	5.4	.....	.....
1978	1.70	56	⁶ 2.9	⁶ 11.1	.....	.....
1979	⁶ 1.70	.....	.....	.....	.....	.....

¹Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

²Percentage of the parity price as of the beginning of the marketing year.

³Includes loans made, purchases, and purchase agreements entered into.

⁴Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

⁵Uncommitted CCC inventory.

⁶Preliminary.

Agricultural Stabilization and Conservation Service.

Table 23.—Rye: Area, yield per hectare, and production in specified countries, 1976–78¹

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada	251	250	318	1.75	1.63	1.90	440	407	605
United States	283	281	433	1.35	1.54	1.68	381	432	726
Total	534	531	751	1.54	1.58	1.77	821	839	1,331
South America:									
Argentina	340	240	300	.97	.71	.92	330	170	275
Brazil	14	10	10	.93	1.00	1.00	13	10	10
Chile	11	11	11	1.45	1.00	1.09	16	11	12
Ecuador .....	...	...	...	...	...	...	...	...	...
Total	365	261	321	.98	.73	.93	359	191	297
Europe:									
Belgium-Luxembourg	17	20	17	2.94	3.40	3.41	50	68	58
Denmark	72	89	81	2.97	3.60	4.09	214	320	331
France	114	129	137	2.49	2.91	3.04	284	375	417
Germany, Fed. Rep. of	663	702	651	3.17	3.62	3.83	2,100	2,540	2,495
Italy	16	15	16	2.19	2.07	2.13	35	31	34
Netherlands	21	21	20	3.10	3.52	3.40	65	74	68
United Kingdom	8	10	9	2.38	3.50	3.89	19	35	35
Total EC	911	986	931	3.04	3.49	3.69	2,767	3,443	3,438
Austria	120	119	120	3.42	2.95	3.38	410	351	406
Finland	65	47	38	2.74	1.70	2.16	178	80	82
Greece	4	4	3	1.50	1.25	2.00	6	5	6
Norway	2	2	2	3.50	4.00	3.50	7	8	7
Portugal	211	209	203	.70	.43	.52	148	90	105
Spain	225	221	225	.95	.99	1.15	214	218	259
Sweden	122	111	82	3.50	3.05	3.74	427	339	307
Switzerland	8	8	8	4.50	4.00	5.00	36	32	40
Total Western Europe	1,668	1,707	1,612	2.51	2.67	2.88	4,193	4,566	4,650
Albania	12	12	12	.83	.83	.83	10	10	10
Bulgaria	13	13	10	1.23	1.15	1.20	16	15	12
Czechoslovakia	186	210	200	3.02	3.05	3.00	561	641	600
German Dem. Rep.	600	620	600	2.43	2.65	2.83	1,455	1,644	1,700
Hungary	93	91	80	1.68	1.58	1.75	156	144	140
Poland	2,934	2,116	3,030	2.36	2.96	2.31	6,922	6,257	7,000
Romania	40	40	40	1.23	1.20	1.13	49	48	45
Yugoslavia	76	68	70	1.38	1.28	1.29	105	87	90
Total Eastern Europe	3,954	3,170	4,042	2.35	2.79	2.37	9,274	8,846	9,597
Total Europe	5,622	4,877	5,654	2.40	2.75	2.52	13,467	13,412	14,247
Soviet Union (Europe and Asia) ..	9,035	6,697	7,700	1.55	1.27	1.30	13,991	8,480	10,000
Africa:									
South Africa	89	62	60	.04	.02	.02	4	1	1
Total	89	62	60	.04	.02	.02	4	1	1
Asia:									
Turkey	530	520	510	1.40	1.33	1.33	740	690	680
Total	530	520	510	1.40	1.33	1.33	740	690	680
Oceania:									
Australia	28	22	24	.54	.55	.58	15	12	14
Total	28	22	24	.54	.55	.58	15	12	14
World total	16,203	12,940	15,020	1.81	1.82	1.77	29,397	23,625	26,570

¹Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1978 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1978 and end early in 1979. ²Harvested area as far as possible. ³Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 24.—Rice, rough: Area, yield, production, disposition, and value, United States, 1964–78

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. received by farmers ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	1,796.8	1,785.6	4,098	73,166	692	72,474	4.90	358,634
1965	1,803.8	1,792.7	4,255	76,281	639	75,642	4.93	376,227
1966	1,980.3	1,967.2	4,322	85,020	658	84,362	4.95	421,018
1967	1,982.2	1,970.1	4,537	89,379	576	88,803	4.97	443,995
1968	2,366.6	2,353.4	4,425	104,142	680	103,462	5.00	521,237
1969	2,140.6	2,128.4	4,318	91,904	560	91,344	4.95	455,045
1970	1,825.8	1,814.7	4,618	83,805	456	83,349	5.17	433,186
1971	1,826.0	1,817.9	4,718	85,768	499	85,269	5.34	457,697
1972	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974	2,550.0	2,531.0	4,440	112,386	1,022	111,364	11.20	1,261,359
1975	2,833.0	2,818.0	4,558	128,437	763	127,674	8.35	1,071,924
1976	2,489.0	2,480.0	4,663	115,648	357	115,291	7.02	811,358
1977	2,261.0	2,249.0	4,412	99,223	849	98,374	9.49	941,248
1978 ²	3,080.0	3,059.0	4,505	137,805	835	136,970	7.72	1,063,855

¹Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 25.—Rice, rough: Stocks on and off farms, United States, 1964–79

Year	On farms ¹			Off farms ²			
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ³
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1964	7,679	2,375	112	40,475	22,339	5,075	1,957
1965	7,404	2,451	141	40,591	25,593	4,764	1,547
1966	7,123	2,527	347	38,830	23,456	5,133	1,815
1967	8,252	2,056	226	47,752	28,619	5,971	1,346
1968	9,585	2,491	120	47,249	24,378	3,339	268
1969	14,587	9,512	332	53,100	36,608	12,161	7,280
1970	10,536	4,855	242	53,293	39,107	12,973	7,734
1971	10,121	3,335	203	49,276	32,001	14,689	7,565
1972	10,924	3,531	133	49,776	29,104	8,291	.....
1973	4,714	1,476	94	44,130	22,791	2,845	.....
1974	7,729	1,536	77	44,435	25,175	3,877	.....
1975	13,608	2,902	63	55,106	31,426	3,987	.....
1976	24,713	12,800	657	66,333	50,481	30,688	.....
1977	21,006	6,761	709	79,142	61,614	32,642	.....
1978	8,269	3,157	586	68,813	49,898	20,542	.....
1979 ⁴	28,089	14,381	.....	67,828	53,139	.....	.....

¹No stocks Oct. 1, 1964, to date.

²Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.

³Oct. 1 estimates discontinued in 1972.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 28

¹Consolidated supply and disappearance of rough and milled rice. Converted milled rice data to a rough rice basis using annually derived extraction rates as factors.

²Based on Bureau of Census reports. Estimates for 1968, 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

³Results from storage handling and processing losses.

⁴Less than 50,000 cwt.

⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals may not add due to independent rounding.

Table 26.—Rice, by length of grain: Area, yield, and production, United States, 1972–78

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1972	913.2	751.7	153.0	4,682	4,548	5,552	42,760	34,184	8,495
1973	1,058.4	937.8	174.0	4,139	4,196	5,524	43,807	39,347	9,611
1974	1,370.0	949.6	211.4	4,375	4,358	5,234	59,934	41,387	11,065
1975	1,453.3	1,141.2	223.5	4,376	4,579	5,633	63,593	52,255	12,589
1976	1,531.0	794.0	155.0	4,576	4,634	5,681	70,051	36,792	8,805
1977	1,467.0	595.0	187.0	4,240	4,415	5,746	62,206	26,272	10,745
1978 ¹	1,993.0	832.6	233.4	4,417	4,508	5,246	88,028	37,534	12,243

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 27.—Rice, rough, by length of grain: Stocks in all positions, United States, 1972–79

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1972			4,010	.....			3,050	141			1,364	175
1973	21,247	10,618	1,112	.....	21,495	9,859	937	5	6,102	3,790	890	34
1974	25,302	13,774	2,132	.....	19,866	8,270	939	44	6,996	4,667	883	57
1975	36,393	16,532	1,450	.....	22,502	12,822	1,264	644	9,819	4,974	1,336	164
1976	40,705	24,749	14,258	.....	40,575	31,990	13,580	3,851	9,766	6,542	3,509	1,868
1977	54,987	32,262	12,950	.....	36,532	29,129	17,523	5,376	8,629	6,984	2,878	722
1978	42,641	28,929	9,624	.....	26,617	18,634	9,327	2,224	7,824	5,492	2,177	424
1979 ²	54,785	36,222	.....	.....	30,878	23,559	.....	.....	10,254	7,739	.....	.....

¹ California only.² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 28.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1964–78¹

Year beginning August	Supply				Disappearance							Statistical discrepancies (³)	Ending stocks July 31
	Begin- ning stocks	Pro- duction	Imports	Total	Domestic use				Exports (²)	Total dis- appearance			
					Food	Indus- try	Seed	Total					
	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	
1964	7.5	73.2	0.5	81.2	24.3	4.3	2.5	31.1	42.5	73.6	-0.1	7.7	
1965	7.7	76.3	.7	84.6	23.4	4.7	2.7	30.8	43.3	74.2	2.2	8.2	
1966	8.2	85.0	(⁴)	93.3	24.0	5.3	2.7	31.9	51.6	83.5	1.2	8.5	
1967	8.5	89.4	(⁴)	97.9	25.0	5.4	3.2	33.7	56.9	90.6	.6	6.8	
1968	6.8	104.1	(⁴)	110.9	27.0	5.8	2.9	35.6	56.1	91.7	3.0	16.2	
1969	16.2	91.9	.2	108.3	23.5	7.1	2.5	33.1	56.9	90.0	1.9	16.4	
1970	16.4	83.8	1.4	101.7	25.1	6.8	2.5	34.4	46.5	80.9	2.1	18.6	
1971	18.6	85.8	1.1	105.5	25.5	7.4	2.5	35.4	56.9	92.3	1.8	11.4	
1972	11.4	85.4	.5	97.4	25.1	7.7	3.0	35.7	54.0	89.8	2.5	5.1	
1973	5.1	92.8	.2	98.1	26.1	8.1	3.6	37.8	49.7	87.5	2.7	7.8	
1974	7.8	112.4	(⁴)	120.3	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1	
1975	7.1	128.4	(⁴)	135.5	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9	
1976	36.9	115.6	.1	152.6	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5	
1977 ⁵	40.5	99.2	.1	139.8	23.6	9.8	4.4	37.8	72.8	110.6	1.8	27.4	
1978 ⁵	27.4	137.8	...	165.2	...	...	...	...	...	...	...	...

See footnotes on page 19.

Table 29.—Rice, by length of grain: Area, yield, and production, by States, 1976–78

State	Area harvested			Yield per acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
Long grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark	696.0	690.0	976.0	4,675	4,125	4,425	32,538	28,463	43,188
Calif	207.0	174.0	238.0	3,890	3,625	3,850	8,052	6,308	9,163
La	143.0	109.0	213.0	4,200	4,000	4,250	6,006	4,360	9,052
Miss	9.0	14.0	28.0	4,100	3,675	4,300	369	515	1,204
Mo	476.0	480.0	538.0	4,850	4,700	4,725	23,086	22,560	25,421
Tex									
U.S	1,531.0	1,467.0	1,993.0	4,576	4,240	4,417	70,051	62,206	88,028
Medium grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark	131.0	128.0	161.0	5,125	4,700	4,725	6,714	6,016	7,607
Calif	264.0	140.0	299.0	5,425	5,775	5,250	14,322	8,085	15,698
La	361.0	301.0	349.0	3,920	3,700	3,800	14,151	11,137	13,262
Miss	1.0	2.0	2.0	4,175	4,000	4,300	42	80	86
Mo	5.0	3.0	1.6	4,375	3,800	4,750	219	114	76
Tex	32.0	21.0	20.0	4,200	4,000	4,025	1,344	840	805
U.S	794.0	595.0	832.6	4,634	4,415	4,508	36,792	26,272	37,534
Short grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark	20.0	19.0	33.0	5,550	4,825	5,075	1,110	917	1,675
Calif	135.0	168.0	200.0	5,700	5,850	5,275	7,695	9,828	10,550
La									
Miss									
Mo . . . . .			.4			4,500			18
Tex									
U.S	155.0	187.0	233.4	5,681	5,746	5,246	8,805	10,745	12,243

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 30.—Rice: Area, yield, and production, by States, 1976–78

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark . . .	850.0	840.0	1,180.0	847.0	837.0	1,170.0	4,770	4,230	4,480	40,362	35,396	52,470
Calif . .	400.0	310.0	500.0	399.0	308.0	499.0	5,520	5,810	5,260	22,017	17,913	26,248
La	570.0	480.0	590.0	568.0	475.0	587.0	3,910	3,670	3,820	22,203	17,445	22,425
Miss . .	145.0	112.0	220.0	144.0	111.0	215.0	4,200	4,000	4,250	6,048	4,440	9,138
Mo . . .	14.0	17.0	30.0	14.0	17.0	30.0	4,200	3,700	4,330	588	629	1,298
Tex . . .	510.0	502.0	560.0	508.0	501.0	558.0	4,810	4,670	4,700	24,430	23,400	26,226
U.S . .	2,489.0	2,261.0	3,080.0	2,480.0	2,249.0	3,059.0	4,663	4,412	4,505	115,648	99,223	137,805

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 31.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972-79

Year	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1972 ..	.....	.....	550	.....	.....	.....	740	47	.....	.....	303	65
1973 ..	1,142	1,774	500	.....	2,281	1,770	278	10	84	333	348	10
1974 ..	1,117	1,467	792	.....	1,512	2,574	835	31	205	319	242	74
1975 ..	1,697	1,185	421	.....	1,130	1,233	660	130	224	773	293	87
1976 ..	1,893	1,454	922	.....	1,197	2,052	1,630	63	137	137	99	461
1977 ..	1,802	2,140	1,618	.....	742	1,453	1,667	222	410	162	367	186
1978 ..	3,417	3,945	1,719	.....	1,704	1,704	1,008	559	376	497	958	1,177
1979 ¹ ..	3,349	2,757	.....	.....	795	1,722	.....	.....	720	525	.....	.....

Year	Broken kernels ²											
	Second heads				Screenings				Brewers			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1972 ..	.....	.....	331	15	.....	.....	186	.....	.....	.....	86	20
1973 ..	528	686	329	39	49	180	104	.....	215	142	47	8
1974 ..	566	545	587	30	103	189	228	.....	391	160	119	2
1975 ..	731	830	672	34	141	112	37	.....	369	136	81	27
1976 ..	897	1,190	969	7	125	88	111	.....	317	182	161	23
1977 ..	1,121	1,283	1,002	35	75	430	154	.....	193	218	348	27
1978 ..	692	1,004	509	92	81	102	65	.....	174	214	88	22
1979 ¹ ..	952	1,285	.....	.....	112	139	.....	.....	211	277	.....	.....

¹ Preliminary.² Screenings in California are included in second heads.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 32.—Rice: Production, seed used, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per cwt. ¹	Value of-	
					Production	Sales
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ark	52,470	472	51,998	.....	.....	.....
Calif	26,248	157	26,091	.....	.....	.....
La	22,425	45	22,380	.....	.....	.....
Miss	9,138	46	9,092	.....	.....	.....
Mo	1,298	10	1,288	.....	.....	.....
Tex	26,226	105	26,121	.....	.....	.....
U.S.	137,805	835	136,970	7.72	1,063,855	1,057,409

¹ Prices by States not available.

Economics, Statistics, and Cooperatives — Crop Reporting Board.

Table 33—Rice, milled: United States exports under specified Government programs, 1964–77

Year ¹	Public Law 480					Mutual security (AID) ⁷	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency ²	Long-term dollar and convertible foreign currency credit sales ³	Government-to-government and World Food Program ⁴	Voluntary relief agencies ⁵	Barter for strategic materials ⁶		
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1964	11,185	1,283	.....	.....	.....	34	12,502
1965	7,205	716	.....	.....	.....	2,005	9,926
1966	15,494	2,762	.....	.....	.....	⁸ - 16	18,240
1967	12,656	3,535	.....	.....	.....	547	16,738
1968	6,626	15,053	.....	208	.....	137	22,024
1969	9,782	10,925	22	142	.....	61	20,932
1970	5,366	14,979	.....	.....	.....	3,356	23,701
1971	3,588	14,343	5,462	.....	.....	3,132	26,525
1972 .....	.....	21,253	722	4	.....	2,721	24,700
1973 .....	.....	13,352	.....	.....	.....	146	13,498
1974 .....	.....	16,342	113	11	.....	2	16,468
1975 .....	.....	11,228	.....	.....	.....	111	11,339
(⁹) .....	.....	(10,007)	.....	.....	.....	.....	(10,007)
1976 .....	.....	14,572	198	357	.....	8	15,135
1977 .....	.....	10,075	1,039	350	.....	.....	11,464

¹ Year beginning July 1 for 1964–75 and Oct. 1 beginning 1976.² Authorized by Title I, P.L. 480.³ Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89–808.⁴ Authorized by Title II, P.L. 480.⁵ Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89–808, effective Jan. 1, 1967.⁶ Authorized by Sec. 303, Title III, P.L. 480, and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963.⁷ Foreign Assistance Act of 1961, as amended.⁸ Negative quantity due to adjustments for prior periods.⁹ Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service — Economics.

Table 34.—Rice, rough: Price-support operations, United States, 1964–79

Year beginning August	Support price		Put under support ³		Acquired by CCC under support program ⁴	Owned by CCC July 31 ⁵
	Per cwt. ¹	Percentage of parity ²	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Million cwt.</i>
1964	4.71	74	7.7	10.6	0.8	1.0
1965	4.50	68	10.0	13.1	.4	.6
1966	4.50	66	14.4	16.8	.1	.1
1967	4.55	66	16.4	18.3	(⁶)	.1
1968	4.60	66	24.3	22.7	6.3	6.3
1969	4.72	65	22.4	24.5	2.9	5.8
1970	4.86	65	20.8	24.8	3.7	9.4
1971	5.07	65	31.2	36.4	1.3	9.4
1972	5.27	65	22.9	26.8	(⁶)	2.7
1973	6.07	65	19.1	20.6	.....	.....
1974	7.54	65	9.3	8.3	(⁶)	.....
1975	8.52	65	21.5	16.8	17.3	17.3
1976	8.25	61	23.4	20.2	(⁶)	.....
1977	8.25	59	19.5	19.7	.....	.....
1978	8.57	56	730.0	721.7	5.0	.....
1979	79.05	.....	.....	.....	.....	.....

¹ Loan level from 1964 to 1975. For 1976 and 1977, the target price is a guarantee on allotted production and \$6.19 per cwt. is the loan rate on allotted production. For the 1978 crop, the loan rate is \$6.40. The 1979 preliminary loan rate is \$6.79 per cwt.

² Percentage of the parity price as of the beginning of the marketing year.

³ Includes loans made, purchases, and purchase agreements entered into.

⁴ Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

⁵ Includes milled rice in rough rice equivalent.

⁶ Less than 50,000 cwt.

⁷ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 35.—Rice: United States exports (milled equivalent), by country of destination, 1976 and 1977

Country of destination	Year beginning August ¹		Country of destination	Year beginning August ¹	
	1976	1977		1976	1977
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Canada	74,164	74,042	Indonesia	408,862	468,807
Mexico	947	759	Iran	457,244	343,698
Bahamas	5,346	5,344	Iraq	36,959	89,895
Dominican Republic	14,928	11,366	Korea, Rep. of	75,214	20,068
Haiti	38,436	4,219	Bangladesh	21,093	82,609
Jamaica	4,942	7,864	Saudi Arabia	71,665	169,582
Netherlands Antilles	4,753	4,420	Syria	35,943	18,022
Chile	1,694	2,526			
Total Western Hemisphere ²	150,782	121,702	Total Asia and Oceania ²	1,167,589	1,212,625
Belgium-Luxembourg	25,473	19,310	Guinea	12,507	24,311
France	8,609	6,074	Ivory Coast	16,615	45,837
Italy	36,241	163,934	Liberia	51,441	41,374
Germany, Fed. Rep. of	65,853	62,083	Nigeria	130,554	171,661
Netherlands	50,989	25,602	Senegal	22,800	77,272
Portugal	69,719	12,083	South Africa	96,024	71,491
Sweden	9,527	8,429	Total Africa ²	378,805	545,416
Switzerland	46,883	29,739			
United Kingdom	32,391	.....	World total ²	2,104,990	2,267,448
Total Europe ²	407,814	387,705			

¹ Marketing year.

² Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 36.—Rice, rough: Area, yield per hectare, and production in specified countries, 1976-78¹

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Costa Rica	63	70	70	2.37	2.13	2.31	149	149	162
Cuba	220	220	220	2.45	2.45	2.45	538	538	538
Dominican Republic	66	112	115	4.16	2.44	2.64	274	273	303
El Salvador	14	13	14	2.53	2.60	3.85	35	34	54
Guatemala	18	15	9	2.44	1.72	3.22	44	26	29
Haiti	76	76	76	.85	1.38	1.17	65	105	89
Honduras	16	14	15	1.59	1.93	2.22	25	27	33
Jamaica	4	1	1	.75	6.25	6.25	3	6	6
Mexico	155	156	144	3.19	3.17	2.60	495	495	375
Nicaragua	27	25	26	2.41	3.05	3.19	65	76	83
Panama	97	105	115	1.49	1.77	1.77	145	186	203
Trinidad and Tobago	9	8	10	2.36	3.00	2.70	21	24	27
United States	1,012	911	1,238	5.24	4.94	5.04	5,307	4,499	6,245
Total	1,777	1,726	2,053	4.03	3.73	3.97	7,167	6,438	8,148
South America:									
Argentina	91	95	95	3.52	2.95	3.42	320	280	325
Bolivia	65	63	54	1.38	1.59	1.57	90	100	85
Brazil	5,400	5,200	5,400	1.48	1.44	1.56	8,000	7,491	8,400
Chile	36	33	32	3.33	3.17	3.32	120	105	106
Colombia	366	325	379	4.23	3.99	4.30	1,549	1,297	1,631
Ecuador	125	95	85	2.32	2.58	2.15	290	245	183
Guyana	97	141	120	1.62	2.31	2.40	158	326	288
Paraguay	25	38	38	2.22	1.97	1.97	55	75	75
Peru	129	125	105	4.49	4.44	3.81	579	555	400
Surinam	48	50	51	3.57	3.98	3.73	171	199	190
Uruguay	56	58	60	4.15	3.43	4.00	232	231	240
Venezuela	93	148	144	2.98	3.98	3.21	277	508	462
Total	6,531	6,371	6,563	1.81	1.79	1.89	11,842	11,411	12,385
Europe:									
France	9	10	13	3.43	1.60	3.28	31	16	43
Italy	182	186	192	4.98	3.86	5.10	907	719	979
Total EC	191	196	205	4.91	3.75	4.98	938	735	1,021
Greece	19	19	19	4.43	4.93	5.00	84	94	95
Portugal	22	34	33	4.06	3.30	3.30	89	112	109
Spain	64	67	69	6.34	5.67	6.03	406	380	416
Total Western Europe	296	316	326	5.13	4.18	5.03	1,517	1,321	1,641
Bulgaria	16	18	18	4.36	3.87	3.89	70	70	70
Hungary	27	27	27	1.19	1.89	1.89	32	51	51
Romania	17	28	28	3.35	1.75	1.75	57	49	49
Yugoslavia	8	8	8	4.75	4.75	5.25	38	38	42
Total Eastern Europe	68	81	81	2.89	2.56	2.62	197	208	212
Total Europe	364	397	407	4.71	3.85	4.55	1,714	1,528	1,853
Soviet Union (Europe and Asia)	524	546	600	3.82	4.06	5.00	2,000	2,217	3,000
Africa:									
Algeria	2	1	1	2.86	2.00	2.00	6	2	2
Angola	20	20	20	1.23	1.23	1.25	25	25	25
Chad	52	50	50	.58	.80	.80	30	40	40
Egypt	453	484	437	5.08	5.20	5.20	2,300	2,519	2,272
Gambia	32	45	45	1.88	1.22	1.33	60	55	60
Ghana	81	80	80	.80	.67	1.73	64	54	138
Guinea	710	710	710	.56	.56	.56	400	400	400
Guinea-Bissau	38	38	38	.85	.93	.92	32	35	35
Ivory Coast	450	425	380	.95	.94	1.14	427	400	435
Liberia	220	205	210	1.04	1.27	1.31	229	260	275
Madagascar	1,050	1,050	1,050	1.67	1.60	1.64	1,750	1,680	1,720
Mali	140	150	175	.93	1.17	1.00	130	175	175
Morocco	5	6	9	5.45	4.04	3.70	27	24	33
Mozambique	65	65	65	1.05	1.07	1.08	68	70	70
Nigeria	310	325	340	1.96	2.03	2.04	609	660	692
Senegal	120	62	90	1.44	1.00	1.33	173	62	120
Sierra Leone	347	390	400	1.52	1.54	1.48	528	600	590

See footnotes at end of table.

Table 36.—Rice, rough: Area, yield per hectare, and production in specified countries, 1976-78¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Tanzania	213	285	285	1.88	1.54	1.54	400	440	440
Upper Volta	42	42	42	.95	.95	.95	40	40	40
Zaire	365	321	333	.80	.68	.68	291	218	226
Total	4,715	4,754	4,760	1.61	.63	1.64	7,590	7,759	7,788
Asia:									
Afghanistan	210	210	210	2.18	2.19	2.19	457	460	460
Bangladesh	10,074	10,085	10,000	1.76	1.91	2.03	17,715	19,312	20,297
Burma	4,984	5,039	5,050	1.87	1.71	1.98	9,312	8,601	10,000
Kampuchea	1,400	1,400	1,400	1.29	1.14	1.06	1,800	1,600	1,488
China: Mainland	35,900	36,000	36,500	3.50	3.51	3.56	125,500	126,500	130,000
Taiwan	786	778	770	4.53	4.62	4.45	3,560	3,592	3,426
Hong Kong	5	2	2	2.06	2.00	2.00	10	4	4
India	38,606	40,001	40,000	1.66	1.98	1.97	64,245	79,093	78,829
Indonesia	8,369	8,200	8,800	2.78	2.78	2.96	23,301	22,794	26,029
Iran	320	325	315	3.99	3.23	4.09	1,276	1,051	1,288
Iraq	54	66	66	3.04	3.02	3.02	164	199	199
Japan	2,779	2,757	2,458	5.30	5.94	6.40	14,716	16,368	15,729
Korea, North	740	760	760	5.00	5.13	5.13	3,700	3,900	3,900
Korea, Rep. of	1,215	1,230	1,230	5.96	6.78	6.21	7,243	8,342	7,639
Laos	680	680	680	1.38	1.18	1.03	940	800	700
Malaysia (Peninsular)	578	575	456	2.79	2.75	2.87	1,611	1,580	1,307
Nepal	1,261	1,264	1,265	1.89	1.81	1.98	2,384	2,282	2,500
Pakistan	1,700	1,815	1,779	2.32	2.40	2.40	3,950	4,360	4,273
Philippines	3,548	3,509	3,620	1.82	1.96	1.90	6,456	6,895	6,885
Sabah	50	54	56	2.51	2.26	2.23	125	122	125
Sarawak	145	116	118	1.03	1.32	1.33	150	153	157
Saudi Arabia	1	1	1	3.00	3.00	3.00	3	3	3
Sri Lanka	500	740	740	2.51	2.31	2.39	1,253	1,707	1,765
Syria	1	1	1	2.00	2.00	2.00	2	2	2
Thailand	8,500	8,600	8,600	1.85	1.74	1.80	15,760	15,000	15,500
Turkey	54	58	65	4.50	4.38	3.79	243	254	246
Vietnam	5,310	5,310	5,310	2.17	2.12	1.98	11,500	11,256	10,500
Total	127,770	129,576	130,252	2.48	2.59	2.64	317,377	336,230	343,252
Oceania:									
Australia	92	91	92	5.76	5.35	6.20	530	487	571
Total	92	91	92	5.76	5.35	6.20	530	487	571
World total	141,773	143,461	144,727	2.46	2.55	2.60	348,220	366,071	376,996

¹ Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year shown are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 37.—Rice, milled equivalent:¹ International trade, 1975–77²

Continent and country	1975		1976		1977 ³	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:						
Canada		60		66		72
El Salvador		8				
Honduras		11				11
Mexico	5	1	5	11	3	1
Nicaragua	2	1	6		7	
Panama					2	
United States	2,070	1	2,045			
Cuba		216		200	10	200
Jamaica		49		46		46
Trinidad and Tobago		29		31		33
Total	2,077	376	2,056	354	22	363
South America:						
Argentina	36		86		170	
Brazil	3	57	76		388	
Guyana	83		72		72	
Chile		12		26		10
Colombia	166		150		150	70
Ecuador	10	20	14		14	
Peru		78		71		
Surinam	59		57		50	
Uruguay	91		115			
Venezuela	32			95		10
Total	480	167	570	192	844	90
Europe:						
Austria		31		44		43
Belgium and Luxembourg	25	58	43	130	33	93
Denmark	1	9	1	14	1	12
France	3	147	4	187	4	244
Germany, Fed. Rep. of	28	130	44	158	44	144
Greece	9	1	11	1	8	
Italy	451	7	396	49	238	40
Netherlands	52	112	127	242	138	125
Norway		5		5		5
Portugal		76		120		87
Spain	42		9		35	
Sweden		17		21		26
Switzerland		16		22		20
United Kingdom	1	116	4	145	61	211
Total Western Europe	612	725	639	1,138	562	1,050
Hungary	4	14	6	13		25
Poland		59		119		60
Romania		62		92		58
Yugoslavia		5		10		32
Soviet Union		279		324	130	460
Total Eastern Europe	4	419	6	528	130	635
Africa:						
Algeria		4		6		6
Angola	3	6	2	18		30
Zaire		10		69		35
Gambia		13		39		35
Ghana				12		20
Guinea		57		30		30
Ivory Coast	5	10	30	5	30	125
Liberia		31		37		45
Madagascar	2	63	4	72	5	110

See footnotes at end of table.

Table 37.—Rice, milled equivalent:¹ International trade, 1975–77²—Continued

Continent and country	1975		1976		1977 ³	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Africa—Continued						
Mauritius		67		91		100
Mozambique				23		25
Nigeria		7		45		300
Senegal and Mauritania		102		196		270
Sierra Leone				10		
South Africa		70		88		110
Egypt	104	1	211		208	1
Tanzania		65		25		60
Total	114	506	247	766	243	1,302
Asia:						
Bangladesh		440		280		380
Saudi Arabia		220		260		257
Israel		45		35		35
Jordan		11		33		22
Lebanon		77		20		50
Turkey (Europe and Asia)		200		200		250
Iraq		72		79	1	73
Syria		400		283		450
Iran		41		39		45
Sabah		37		64		70
Sarawak		288		638		660
Burma		450		425		543
Sri Lanka		30		140		996
China: Mainland	1,440	4	900	8		9
Taiwan		344		337	3	341
Hong Kong	4	180	35	237	23	35
India	19	350				
Kampuchea		21		120		120
Laos		657		136	5	150
Vietnam				1,284		1964
Indonesia		10		20		21
Japan		439		166		55
Korea, Rep. of		199		319	21	363
Malaysia and Singapore	44		912		883	
Pakistan	498	135		55		32
Philippines			1,870		2,915	
Thailand	933					
Total	3,236	4,409	4,378	4,560	5,507	5,287
Oceania:						
Australia	185		218	1	256	1
Total	185		218	1	256	1
Other countries	454	471	309	469	2,538	527
World total	7,162	7,073	8,423	8,008	10,102	9,255

¹ Includes milled, semi-milled, broken, and rough rice in terms of milled.² Calendar year.³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers.

Table 38.—Food grains and wheat flour: Average price, selected markets and grades, 1964-77

Crop year ¹	Kansas City			Minneapolis			Portland: Wheat, No. 1 soft white	St. Louis: Wheat, No. 2 Red Winter
	Wheat, No. 2 Hard & Dark hard Winter	Flour, Winter Wheat, 95% patent	Wheat, No. 1 Dark Northern Spring	Wheat, No. 2 Hard Durum	Flour, Spring Wheat, Standard patents	Rye, No. 2		
	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1964	1.57	5.41	1.79	1.69	5.68	1.19	1.51	1.51
1965	1.61	5.66	1.86	1.75	6.00	1.16	1.53	1.64
1966	1.85	5.92	2.01	2.09	6.46	1.22	1.76	1.77
1967	1.59	5.46	1.88	2.05	5.97	1.17	1.62	1.47
1968	1.46	5.40	1.76	1.93	5.87	1.16	1.47	1.32
1969	1.45	5.50	1.83	1.68	6.03	1.11	1.49	1.43
1970	1.58	5.58	1.90	1.78	6.28	1.13	1.70	1.32
1971	1.60	5.34	1.66	1.69	5.99	.99	1.60	1.51
1972	2.26	6.78	2.21	2.17	7.11	1.10	2.47	2.24
1973	4.83	8.46	4.69	6.60	10.87	2.41	4.79	4.57
1974	4.29	10.05	5.01	6.47	11.93	3.19	4.36	3.91
1975	4.08	9.37	4.64	5.06	10.55	2.86	3.89	3.46
1976	2.78	8.30	3.12	3.19	9.51	2.92	3.10	2.77
1977	2.92	7.35	2.95	3.37	8.15	2.51	3.02	2.61

Crop year ¹	Chicago: Wheat, No. 2 Soft Red Winter	New York: Wheat, No. 2 Hard Winter	San Francisco: Rice ² Short	S.W. Louisiana Mills: Rice ²		Arkansas Mills: Rice ²		Texas Mills: Rice ²	
				Medium	Long	Medium	Long	Medium	Long
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
1964	1.46	2.08	9.80	8.30	9.90	8.20	10.00	8.35	10.15
1965	1.50	2.14	10.00	8.20	10.00	8.10	9.90	8.15	10.05
1966	1.82	2.33	10.05	8.20	9.95	8.20	9.90	8.35	10.00
1967	1.47	2.08	10.25	8.44	9.90	8.65	10.05	8.65	10.05
1968	1.25	1.92	10.55	8.73	9.55	8.55	9.90	8.50	9.80
1969	1.26	2.00	10.50	8.50	9.60	8.60	10.00	8.65	9.90
1970	1.60	2.20	10.62	8.54	9.83	8.95	10.10	8.90	10.10
1971	1.47	2.11	11.09	8.71	9.95	9.25	10.25	9.10	10.20
1972	2.23	2.70	12.42	8.87	14.34	13.45	14.35	13.55	14.45
1973	4.54	5.19	24.20	26.40	30.40	26.70	30.80	27.40	31.75
1974	4.59	4.54	25.40	20.05	21.55	21.15	22.40	19.90	22.05
1975	3.54	4.08	20.65	15.85	17.20	17.10	18.10	17.35	18.35
1976	2.81	3.22	15.15	13.30	14.60	14.40	15.30	14.10	14.95
1977	2.61	3.28	20.35	19.10	21.30	20.55	21.80	20.75	21.70

¹ Crop year begins July for wheat and rye, August for rice, and October for rice from San Francisco.² Rice, milled No. 2.

Economics, Statistics, and Cooperatives Service—Economics. Compiled as follows: Grain Market News (AMS); Minneapolis Daily Market Record; Kansas City Grain Market Review; Chicago Board of Trade; New York Journal of Commerce; Bureau of Labor Statistics Wholesale Price Bulletin; Rice (AMS). Minneapolis, Kansas City, and Chicago prices are weighted averages.

Table 39. — Corn: Area, yield, production, disposition, and value, United States, 1964–78

Year	Area planted, all purposes	Corn for grain					Corn for silage				Forage area harvested	
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel ¹	Value of production	Area harvested	Yield per harvested acre		Production
		1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1964	65,823	55,369	62.9	3,484,253	1,780,769	1,703,484	1.17	4,064,208	8,620	9.7	83,551	1,399
1965	65,171	55,392	74.1	4,102,867	2,088,960	2,013,907	1.16	4,754,199	8,054	10.5	84,447	1,170
1966	66,347	57,002	73.1	4,167,608	2,062,355	2,105,253	1.24	5,170,973	7,934	11.3	89,683	931
1967	71,156	60,694	80.1	4,860,372	2,262,657	2,597,715	1.03	5,044,235	8,363	11.3	94,783	977
1968	65,126	55,980	79.5	4,449,542	2,094,679	2,354,863	1.08	4,825,623	7,879	11.9	93,652	746
1969	64,264	54,574	85.9	4,687,057	2,129,590	2,557,467	1.16	5,415,997	7,892	12.6	99,161	597
1970	66,863	57,358	72.4	4,152,243	1,888,552	2,263,691	1.33	5,514,702	8,078	11.6	94,084	650
1971	74,179	64,123	88.1	5,646,260	2,446,467	3,199,793	1.08	6,101,055	8,814	12.4	109,343	694
1972	67,126	57,513	97.0	5,579,832	2,328,020	3,251,812	1.57	8,743,036	8,351	13.1	109,343	520
1973	72,253	62,143	91.3	5,670,712	2,217,479	3,453,233	2.55	14,462,744	9,023	12.7	114,267	567
1974	77,935	65,405	71.9	4,701,402	1,754,693	2,946,709	3.02	14,231,557	10,844	10.7	115,705	626
1975	78,583	67,505	86.3	5,898,961	2,117,072	3,711,889	2.54	14,789,368	9,842	11.8	115,708	560
1976	84,374	71,300	87.9	6,266,359	2,305,194	3,961,165	2.15	13,471,796	11,274	10.4	117,813	856
1977	83,568	70,872	90.7	6,425,457	2,514,027	3,911,430	2.02	12,944,467	9,307	12.5	116,708	604
1978 ²	79,719	69,970	101.2	7,081,849	2,638,733	4,443,116	2.11	14,888,952	8,587	13.5	116,048	460

¹ Includes allowance for unredeemed loans and purchases by the Government valued at the Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

average loan and purchase rate, by States, where applicable.

² Preliminary.

Table 40.—Corn: Stocks on and off farms, United States, 1964–79

Year	On Farms				Off Farms ³			
	Jan. 1	Apr. 1	July 1 ¹	Oct. 1 ²	Jan. 1	Apr. 1	July 1 ¹	Oct. 1 ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	3,209,565	2,269,686	1,513,667	681,101	1,135,189	1,008,777	862,813	855,421
1965	2,737,489	1,866,476	1,243,125	581,498	1,137,392	938,763	650,332	565,593
1966	3,096,601	2,129,392	1,327,409	531,157	956,475	740,542	459,284	310,538
1967	2,928,817	2,063,306	1,348,923	572,233	778,619	671,090	405,683	254,075
1968	3,453,956	2,433,095	1,670,424	788,195	866,061	809,946	530,578	380,493
1969	3,310,694	2,244,312	1,498,284	732,270	957,921	818,165	582,597	386,125
1970	3,390,099	2,263,432	1,425,733	575,630	993,137	767,827	519,562	429,593
1971	2,755,306	1,875,370	1,178,821	426,712	1,013,479	670,220	393,556	240,027
1972	3,555,260	2,485,085	1,590,106	751,949	1,149,084	898,109	584,022	374,980
1973	3,692,724	2,387,458	1,374,066	403,918	1,141,455	954,964	564,315	303,960
1974	3,371,270	2,020,081	1,067,098	288,737	1,116,424	849,794	380,541	195,125
1975	2,560,883	1,522,900	811,014	193,194	1,080,024	704,911	345,658	168,193
1976	3,196,266	1,919,964	1,290,127	232,597	1,270,300	912,996	576,640	166,459
1977	3,345,496	2,133,737	1,577,503	446,116	1,544,023	1,159,329	787,263	438,019
1978	3,824,347	2,516,998	1,848,608	659,285	1,678,678	1,360,245	988,779	444,708
1979 ⁴	4,517,453	3,098,247	.....	.....	1,681,483	1,322,321	.....	.....

¹ Beginning 1976, estimates are for June 1.² Old crop only.³ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 41.—Corn: Supply and disappearance, United States, 1964–78

Year beginning October	Supply				Disappearance				Ending stocks Sept. 30			
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use			Ex- ports	Total disap- pear- ance	Pri- vately held ¹	Govern- ment ²	Total
					Feed	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	1,537	3,484	1	5,022	2,956	349	3,305	570	3,875	625	522	1,147
1965	1,147	4,103	1	5,251	3,362	360	3,722	687	4,409	749	93	842
1966	842	4,168	1	5,011	3,334	364	3,698	487	4,185	690	136	826
1967	826	4,860	1	5,687	3,523	362	3,885	633	4,518	990	179	1,169
1968	1,169	4,450	1	5,620	3,607	359	3,966	536	4,502	828	290	1,118
1969	1,118	4,687	1	5,806	3,824	365	4,189	612	4,801	808	197	1,005
1970	1,005	4,152	4	5,161	3,592	385	3,977	517	4,494	570	97	667
1971	667	5,646	1	6,314	4,001	390	4,391	796	5,187	971	156	1,127
1972	1,127	5,580	1	6,708	4,313	429	4,742	1,258	6,000	704	4	708
1973	708	5,671	1	6,380	4,205	448	4,653	1,243	5,896	484	0	484
1974	484	4,701	2	5,187	3,226	451	3,677	1,149	4,826	361	0	361
1975	361	5,829	2	6,192	3,592	490	4,082	1,711	5,793	399	0	399
1976	399	6,266	3	6,668	3,587	513	4,100	1,684	5,784	884	0	884
1977 ³	884	6,425	3	7,312	3,709	551	4,260	1,948	6,208	1,094	10	1,104
1978 ³	1,104	7,082	1	8,187	.....	.....	.....	.....	.....	.....	.....	.....

¹ Includes total Government loans (original and resale).² Uncommitted Government inventory only.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 42. — Corn: Area, yield, and production, by States, 1976–78

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.	880	840	640	800	375	544	60.0	29.0	50.0	48,000	10,875	27,200
Ariz.	42	65	70	28	50	50	60.0	100.0	115.0	1,680	5,000	5,750
Ark.	55	55	40	45	43	30	56.0	53.0	58.0	2,520	2,279	1,740
Calif.	480	430	420	290	247	281	110.0	116.0	126.0	31,900	28,652	35,406
Colo.	900	960	1,000	630	695	720	102.0	116.0	110.0	64,260	80,620	79,200
Conn.	53	54	53	...	...	...	...	...	...	...	...	...
Del.	209	203	187	195	185	175	88.0	56.0	96.0	17,160	10,360	16,800
Fla.	542	623	430	480	299	370	60.0	35.0	52.0	28,800	10,465	19,240
Ga.	2,300	2,240	1,700	2,160	1,000	1,500	62.0	24.0	50.0	133,920	24,000	75,000
Idaho.	119	120	123	35	28	39	85.0	86.0	87.0	2,975	2,408	3,393
Ill.	11,900	11,350	11,000	11,590	11,080	10,730	107.0	105.0	111.0	1,240,130	1,163,400	1,191,030
Ind.	6,500	6,400	6,100	6,300	6,210	5,900	110.0	102.0	108.0	693,000	633,420	637,200
Iowa.	13,950	13,800	13,300	12,900	12,700	12,500	91.0	86.0	117.0	1,173,900	1,092,200	1,462,500
Kans.	2,150	2,030	1,820	1,790	1,680	1,500	96.0	96.0	102.0	171,840	161,280	153,000
Ky.	1,540	1,650	1,570	1,360	1,470	1,410	102.0	90.0	85.0	138,720	132,300	119,850
La.	90	86	65	71	65	47	66.0	52.0	59.0	4,686	3,380	2,773
Maine.	49	51	50	...	...	...	...	...	...	...	...	...
Md.	740	730	630	630	600	590	92.0	72.0	97.0	57,960	43,200	57,230
Mass.	41	42	43	...	...	...	...	...	...	...	...	...
Mich.	2,670	2,800	2,670	2,230	2,320	2,250	69.0	85.0	81.0	153,870	197,200	182,250
Minn.	7,200	6,900	7,000	5,600	6,000	6,190	59.0	100.0	104.0	330,400	600,000	643,760
Miss.	240	250	215	172	160	135	47.0	36.0	56.0	8,084	5,760	7,560
Mo.	3,200	2,900	2,400	2,850	2,650	2,200	61.0	76.0	87.0	173,850	201,400	191,400
Mont.	86	90	88	11	11	5	75.0	68.0	72.0	825	748	360
Nebr.	6,850	7,150	7,100	6,100	6,550	6,550	85.0	99.0	113.0	518,500	648,450	740,150
Nev. ²	3	3	...	...	...	...	...	...	...	...	...	...
N.H.	24	26	27	...	...	...	...	...	...	...	...	...
N.J.	149	149	135	103	95	95	86.0	70.0	91.0	8,858	6,650	8,645
N. Mex.	125	135	90	96	114	72	105.0	90.0	105.0	10,080	10,260	7,560
N.Y.	1,260	1,375	1,300	573	640	600	76.0	80.0	79.0	43,548	51,200	47,400
N.C.	2,050	2,000	1,760	1,880	1,740	1,600	80.0	51.0	76.0	150,400	88,740	121,600
N. Dak.	510	620	600	191	237	253	40.0	73.0	79.0	7,640	17,301	19,987
Ohio.	4,100	3,900	3,850	3,820	3,620	3,610	103.0	105.0	105.0	393,460	380,100	379,050
Okla.	145	140	120	106	95	73	95.0	82.0	65.0	10,070	7,790	4,745
Oreg.	45	45	45	10	12	13	90.0	95.0	95.0	900	1,140	1,235
Pa.	1,600	1,615	1,615	1,150	1,160	1,190	90.0	92.0	95.0	103,500	106,720	113,050
R.I.	4	4	4	...	...	...	...	...	...	...	...	...
S.C.	750	825	640	667	690	550	74.0	36.0	55.0	49,358	24,840	30,250
S. Dak.	3,200	3,000	3,250	1,200	2,150	2,560	31.0	59.0	67.0	37,200	126,850	171,520
Tenn.	890	900	820	715	730	660	79.0	65.0	66.0	56,485	47,450	43,560
Tex.	1,700	1,800	1,600	1,550	1,650	1,440	120.0	98.0	100.0	186,000	161,700	144,000
Utah.	100	80	92	15	13	16	90.0	89.0	90.0	1,350	1,157	1,440
Vt.	101	110	112	...	...	...	...	...	...	...	...	...
Va.	840	855	825	610	560	615	78.0	55.0	82.0	47,580	30,800	50,430
Wash.	107	128	130	44	64	65	107.0	119.0	121.0	4,708	7,616	7,865
W. Va.	104	100	93	61	54	58	88.0	74.0	77.0	5,368	3,996	4,466
Wis.	3,700	3,850	3,750	2,220	2,800	2,750	68.0	104.0	98.0	150,960	291,200	269,500
Wyo.	81	89	87	22	30	34	87.0	85.0	81.0	1,914	2,550	2,754
U.S.	84,374	83,568	79,719	71,300	70,872	69,970	87.9	90.7	101.2	6,266,359	6,425,457	7,081,849

¹ Preliminary.² Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 43.—Corn: Utilization for silage and forage, by States, 1976–78

State	Silage									Forage area harvested		
	Area harvested			Yield per acre			Production					
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala	57	57	51	11.5	7.0	10.0	656	399	510	16	25	13
Ariz	10	10	18	21.0	21.0	20.0	210	210	360	3	3	1
Ark	6	8	2	13.0	10.0	10.0	78	80	20	2	2	3
Calif	187	181	137	19.0	19.5	19.5	3,553	3,530	2,672	3	2	2
Colo	240	242	238	19.0	18.0	19.0	4,560	4,356	4,522	10	8	12
Conn	51	52	51	16.0	17.5	18.0	816	910	918	...	...	...
Del	12	14	10	11.5	11.0	12.5	138	154	125	1	1	1
Fla	18	22	18	12.0	10.5	13.0	216	231	234	35	56	26
Ga	100	90	100	13.0	8.0	12.0	1,300	720	1,200	15	50	30
Idaho	81	89	81	19.0	18.0	18.5	1,539	1,602	1,499	2	2	2
Ill	285	225	235	13.5	14.5	15.5	3,848	3,263	3,643	15	25	25
Ind	174	160	176	17.5	15.0	15.0	3,045	2,400	2,640	13	13	6
Iowa	970	875	700	12.5	12.5	16.0	12,125	10,938	11,200	30	40	40
Kans	300	290	273	12.5	13.5	12.0	3,750	3,915	3,276	15	15	10
Ky	165	155	140	16.5	15.5	15.5	2,723	2,403	2,170	10	15	10
La	16	10	13	13.0	12.0	13.0	208	120	169	2	2	2
Maine	44	42	43	13.5	11.0	13.0	594	462	559	...	...	...
Md	105	121	94	15.0	13.0	15.0	1,575	1,573	1,410	3	5	4
Mass	38	38	40	15.5	16.0	16.5	589	608	660	...	...	...
Mich	420	420	395	11.5	12.5	12.5	4,830	5,250	4,938	10	10	15
Minn	1,490	830	750	6.9	13.0	12.5	10,281	10,790	9,375	45	30	20
Miss	60	60	70	12.5	11.0	12.5	750	660	875	4	5	5
Mo	220	153	132	9.5	11.0	12.0	2,090	1,683	1,584	60	32	41
Mont	68	70	76	16.0	17.0	21.0	1,088	1,190	1,596	5	5	4
Nebr	650	470	450	9.0	13.0	15.0	5,850	6,110	6,750	30	30	30
Nev. ²	3	3	...	16.5	15.0	...	50	45	...	...	...	...
N.H	23	24	23	18.0	17.0	14.0	414	408	322	...	...	...
N.J	42	48	37	16.0	14.0	15.5	672	672	574	3	3	2
N.Mex	24	16	14	13.5	14.0	15.0	324	224	210	3	2	3
N.Y	655	654	682	12.0	13.0	13.0	7,860	8,502	8,866	7	11	8
N.C	140	150	130	12.5	10.0	13.5	1,750	1,500	1,755	10	25	10
N.Dak	293	332	321	5.0	5.1	6.7	1,465	1,693	2,151	17	31	19
Ohio	250	242	212	14.0	14.0	14.0	3,500	3,388	2,968	10	8	8
Okla	25	34	27	11.0	11.5	12.5	275	391	338	4	5	5
Oreg	33	31	30	21.0	15.0	20.0	693	620	600	1	1	1
Pa	424	440	410	14.5	20.0	15.5	6,148	6,600	6,355	6	5	5
R.I	4	4	4	15.5	15.5	16.5	62	62	66	...	...	...
S.C	56	53	63	13.0	9.5	15.0	728	504	693	12	20	10
S.Dak	1,400	750	630	2.7	7.2	11.0	3,780	5,400	5,166	310	55	30
Tenn	160	150	150	15.0	13.0	8.2	2,400	1,950	2,025	5	5	5
Tex	100	120	125	16.0	16.5	13.5	1,600	1,980	1,875	20	20	13
Utah	80	62	71	16.0	17.0	16.0	1,280	1,054	1,136	3	3	2
Vt	93	99	105	15.5	12.5	14.0	1,442	1,238	1,470	...	...	...
Va	217	269	200	13.0	9.5	15.0	2,821	2,556	3,000	9	9	6
Wash	63	64	65	20.5	20.0	22.0	1,292	1,280	1,430	...	...	...
W.Va	38	43	30	15.0	13.5	13.5	570	581	405	3	2	3
Wis	1,330	980	920	8.6	12.0	12.0	11,438	11,760	11,040	100	20	20
Wyo	54	55	45	15.5	13.5	15.5	837	743	698	4	3	7
U.S	11,274	9,307	8,587	10.4	12.5	13.5	117,813	116,708	116,048	856	604	460

¹ Preliminary.² Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 44.—Corn: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production for grain	Used on farms where produced	Sold	Season average price per bushel	Value of —	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	27,200	16,320	10,880	2.30	62,560	25,024
Ariz	5,750	287	5,463	2.50	14,375	13,658
Ark	1,740	1,148	592	2.35	4,089	1,391
Calif	35,406	2,478	32,928	2.75	97,367	90,552
Colo	79,200	13,464	65,736	2.10	166,320	138,046
Del	16,800	3,360	13,440	2.25	37,800	30,240
Fla	19,240	7,888	11,352	2.10	40,404	23,839
Ga	75,000	35,250	39,750	2.45	183,750	97,388
Idaho	3,393	848	2,545	2.35	7,974	5,981
Ill	1,191,030	333,488	857,542	2.15	2,560,715	1,843,715
Ind	637,200	197,532	439,668	2.15	1,369,980	945,286
Iowa	1,462,500	628,875	833,625	2.00	2,925,000	1,667,250
Kans	153,000	41,310	111,690	2.25	344,250	251,303
Ky	119,850	50,337	69,513	2.35	281,648	163,356
La	2,773	1,969	804	2.40	6,655	1,930
Md	57,230	17,741	39,489	2.25	128,768	88,850
Mich	182,250	54,675	127,575	2.10	382,725	267,908
Minn	643,760	276,817	366,943	1.90	1,223,144	697,192
Miss	7,560	6,426	1,134	2.65	20,034	3,005
Mo	191,400	103,356	88,044	2.15	411,510	189,295
Mont	360	288	72	2.25	810	162
Nebr	740,150	236,848	503,302	2.05	1,517,308	1,031,769
N.J	8,645	2,161	6,484	2.30	19,884	14,913
N.Mex	7,560	907	6,653	2.30	17,388	15,302
N.Y	47,400	27,018	20,382	2.35	111,390	47,898
N.C	121,600	36,480	85,120	2.35	285,760	200,032
N.Dak	19,987	6,995	12,992	2.00	39,974	25,984
Ohio	379,050	136,458	242,592	2.15	814,958	521,573
Okla	4,745	1,756	2,989	2.40	11,388	7,174
Oreg	1,235	543	692	2.65	3,273	1,834
Pa	113,050	66,699	46,351	2.45	276,973	113,560
S.C	30,250	9,680	20,570	2.25	68,063	46,283
S.Dak	171,520	90,906	80,614	1.80	308,736	145,105
Tenn	43,560	23,958	19,602	2.30	100,188	45,085
Tex	144,000	14,400	129,600	2.40	345,600	311,040
Utah	1,440	446	994	2.65	3,816	2,634
Va	50,430	26,728	23,702	2.35	118,511	55,700
Wash	7,865	1,180	6,685	2.65	20,842	17,715
W.Va	4,466	3,751	715	2.20	9,825	1,573
Wis	269,500	156,310	113,190	2.00	539,000	226,380
Wyo	2,754	1,652	1,102	2.25	6,197	2,480
U.S	7,081,849	2,638,733	4,443,116	2.11	14,888,952	9,379,405

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1976–78¹

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada	709	725	783	5.32	5.86	4.92	3,770	4,246	3,856
Costa Rica	60	47	50	1.40	2.00	1.96	84	94	98
Cuba	30	30	30	.67	.67	.67	20	20	20
Dominican Republic	24	20	20	1.58	2.10	2.10	38	42	42
El Salvador	230	245	252	1.49	1.55	2.08	342	380	524
Guatemala	675	738	810	1.25	1.02	1.14	842	756	925
Haiti	320	320	320	.56	.94	.78	180	302	250
Honduras	330	352	325	.92	.94	1.05	304	332	340
Jamaica	13			.77			10		9
Mexico	7,870	7,920	8,200	1.22	1.22	1.20	9,600	9,700	9,800
Nicaragua	151	212	228	.99	.85	.92	149	181	209
Panama	66	77	80	.97	1.04	1.04	64	80	83
Trinidad and Tobago	3	3	3	1.67	1.67	1.67	5	5	5
United States	28,774	28,329	27,560	5.49	5.71	6.35	157,895	161,823	175,006
Total	39,255	39,018	38,661	4.41	4.56	4.94	173,303	177,961	191,167
South America:									
Argentina	2,683	2,660	2,700	3.28	3.57	3.07	8,800	9,500	8,300
Bolivia	230	236	251	1.33	1.27	1.68	305	299	422
Brazil	11,800	10,700	11,800	1.59	1.30	1.61	18,800	13,900	19,000
Chile	116	94	95	3.06	2.73	2.84	355	257	270
Colombia	631	618	630	1.21	1.34	1.38	766	826	869
Ecuador	110	147	118	.87	1.06	1.13	96	156	133
Guyana	4	5	5	2.25	.60	1.00	9	3	5
Paraguay	225	225	225	1.33	1.33	1.33	300	300	300
Peru	400	390	300	1.68	1.85	1.83	670	720	550
Uruguay	170	170	180	.71	.90	.92	120	153	165
Venezuela	489	551	525	1.09	1.45	1.48	532	799	775
Total	16,858	15,796	16,829	1.82	1.70	1.83	30,753	26,913	30,789
Europe:									
Belgium-Luxembourg	6	6	6	5.00	5.00	5.00	30	30	30
France	1,350	1,627	1,825	4.07	5.29	5.12	5,500	8,614	9,350
Germany, Fed. Rep. of	103	100	115	4.66	5.79	5.04	480	579	580
Italy	890	983	940	6.00	6.51	6.28	5,337	6,396	5,900
Netherlands	1	1	1	5.00	5.00	5.00	5	5	5
United Kingdom	1	1	1	2.00	2.00	2.00	2	2	2
Total EC	2,351	2,718	2,888	4.83	5.75	5.49	11,354	15,626	15,867
Austria	160	166	175	5.85	6.98	6.60	936	1,159	1,155
Greece	132	129	135	4.17	4.31	4.22	551	556	570
Portugal	354	343	327	1.02	1.15	1.16	360	393	380
Spain	442	432	451	3.50	4.36	4.23	1,545	1,884	1,409
Switzerland	18	18	19	6.39	6.11	5.26	115	110	100
Total Western Europe	3,457	3,806	3,995	4.30	5.18	5.00	14,861	19,728	16,981
Albania	165	125	125	1.52	2.00	2.00	250	250	250
Bulgaria	738	704	720	4.11	3.76	3.33	3,034	2,649	2,400
Czechoslovakia	204	200	220	2.52	3.96	3.41	514	792	750
German Dem. Rep.	1	1	1	2.00	2.00	2.00	2	2	2
Hungary	1,341	1,281	1,275	3.87	4.69	4.86	5,189	6,007	6,200
Poland	52	55	50	4.44	4.04	2.00	231	222	100
Romania	3,378	3,318	2,211	3.43	3.05	4.62	11,583	10,114	10,211
Yugoslavia	2,372	2,321	2,131	3.84	4.25	3.52	9,112	9,870	7,500
Total Eastern Europe	8,251	8,005	6,733	3.63	3.74	4.07	29,915	29,906	27,413
Total Europe	11,708	11,811	10,728	3.82	4.20	4.42	44,776	49,634	47,394
Soviet Union (Europe and Asia)	3,303	3,362	3,000	3.07	3.27	3.00	10,136	10,979	9,000
Africa:									
Algeria	5	5	5	.80	1.60	1.60	4	8	8
Angola	600	600	600	.75	.58	.67	450	350	400
Benin	310	350	350	.65	.43	.57	200	150	200
Burundi	175	175	175	1.00	1.00	1.00	175	175	175
Cameroon	340	340	345	1.03	1.03	1.04	350	350	360
Egypt	660	741	777	4.11	3.68	3.57	2,710	2,724	2,755
Ethiopia	900	900	900	1.11	1.11	1.11	1,000	1,000	1,000
Ghana	305	350	350	.98	1.11	1.14	300	387	400
Ivory Coast	380	450	500	.71	.58	.65	270	260	325
Kenya	1,100	1,100	1,100	1.54	1.74	1.64	1,698	1,910	1,800
Madagascar	120	120	120	1.00	1.00	1.00	120	120	120
Malawi	1,000	1,000	1,000	1.10	1.20	1.18	1,100	1,200	1,300

See footnotes at end of table.

Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1976–78¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Mali	90	90	90	0.67	0.83	0.89	60	75	80
Morocco	432	425	500	1.14	1.16	1.16	492	184	580
Mozambique	680	680	680	.82	.66	.66	560	450	450
Nigeria	1,725	1,800	1,850	.83	.83	.88	1,440	1,500	1,620
Southern Rhodesia	475	475	475	2.95	2.74	2.95	1,400	1,300	1,400
Senegal	63	48	50	.70	.70	1.00	45	38	50
South Africa	4,453	4,498	4,475	2.15	2.24	2.10	9,592	10,054	9,400
Tanzania	1,300	1,300	1,300	.69	.69	.69	900	900	900
Uganda	290	290	290	1.21	1.21	1.21	350	350	350
Zambia	175	180	180	3.86	3.87	3.89	675	696	700
Zaire	370	588	600	1.11	.70	.71	410	412	424
Total	15,949	16,505	16,812	1.52	1.49	1.48	24,301	24,593	24,817
Asia:									
Afghanistan	460	460	460	1.52	1.74	1.74	700	800	800
Burma	100	100	100	.85	.85	.85	85	85	85
Kampuchea	100	100	100	1.20	1.20	1.20	120	120	120
China:									
Mainland	14,500	18,000	18,500	2.17	1.91	1.91	31,400	34,395	35,400
Taiwan	41	36	40	2.78	2.64	2.75	114	95	110
India	6,054	5,700	5,600	1.03	1.04	.98	6,257	5,947	5,500
Indonesia	2,095	2,550	2,100	1.23	1.19	1.19	2,572	3,030	2,500
Iran	35	40	43	1.14	1.38	1.40	40	55	60
Iraq	20	20	20	2.20	2.60	2.50	44	52	50
Israel	5	3	3	2.80	2.67	2.67	14	8	8
Japan	4	3	4	2.75	2.67	2.75	11	8	11
Jordan	1	1	1	1.00	1.00	1.00	1	1	1
Korea, North	950	950	950	2.74	2.53	2.58	2,600	2,400	2,450
Korea, Rep. of	35	38	38	2.40	2.47	2.95	84	113	112
Lebanon	2	2	2	1.00	.50	.50	2	1	1
Malaysia (Peninsular)	12	7	7	2.25	1.00	1.14	27	7	8
Nepal	452	440	440	1.74	1.82	1.82	787	800	800
Pakistan	601	639	640	1.27	1.29	1.33	764	823	850
Philippines	3,321	3,332	3,500	.86	.86	.91	2,843	2,854	3,200
Syria	27	40	45	1.85	2.00	2.00	50	80	90
Thailand	1,400	1,463	1,500	1.96	1.40	2.00	2,750	2,050	3,000
Turkey	600	580	600	2.18	2.18	2.00	1,310	1,265	1,200
Vietnam	30	30	30	1.17	1.17	1.17	35	35	35
Total	30,845	34,534	34,723	1.71	1.59	1.62	52,610	55,024	56,391
Oceania:									
Australia	58	48	55	2.50	2.31	2.91	145	111	160
New Zealand	34	30	26	7.53	7.57	7.69	256	227	200
Total	92	78	81	4.36	4.33	4.44	401	338	360
World total	118,006	121,106	120,834	2.85	2.85	2.98	336,271	345,442	359,818

¹ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1977 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1978 and ends early in 1979.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 46. — Corn: Price-support operations, United States, 1964–79

Year beginning October	Support price		Put under support ³		Acquired by CCC under support program ⁴	Owned by CCC Sept. 30
	Per bushel ¹	Percentage of parity ²	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	1.25	80	216	6.2	12	540
1965	1.25	80	215	5.2	8	148
1966	1.30	81	263	6.4	13	139
1967	1.35	83	497	10.4	193	182
1968	1.35	82	404	9.2	36	⁵ 290
1969	1.35	78	398	8.7	5	⁵ 197
1970	1.35	76	324	7.9	7	⁵ 97
1971	1.35	71	953	16.9	35	⁵ 156
1972	1.41	70	420	7.5	1	⁵ 4
1973	1.64	70	261	4.6		
1974	1.38	51	77	1.7		
1975	1.38	45	147	2.5		
1976	1.57	46	278	4.4		
1977	2.00	58	1,162	18.0	12	13
1978	2.10	56	⁶ 650	⁶ 10.1	100	113
1979	⁶ 2.20					

¹Includes price-support payments of 15 cents in 1964, 20 cents in 1965, 30 cents from 1966 to 1970, and a guarantee of 32 cents in 1971, 40 cents in 1972, and 32 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.10; for 1976, \$1.50; and, for 1977–79, \$2.00 on entire production. For 1974 to 1978, the target level is a price guarantee on allotment production at levels indicated under support price.

²Percentage of parity price as of the beginning of the marketing year.

³Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis.

⁴Includes deliveries from original program, the resale program and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

⁵Uncommitted CCC inventory.

⁶Preliminary.

Table 47. — Corn and cornmeal: United States exports (domestic), by country of destination, 1976 and 1977¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1976	1977		1976	1977
<i>Corn:</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Cornmeal:</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	439,049	232,166	Canada	74,243	4,098,973
Other Americas	2,376,063	3,048,845	Dominican Republic	2,497	13,292
Total Americas	2,815,112	3,281,011	Brazil	65	501
			Colombia	3,183	77,318
			Other Americas	21,638	1,758,900
			Total Americas	101,626	5,948,984
Belgium and Luxem- bourg	2,040,098	1,600,898			
Germany, Fed. Rep. of	5,319,497	2,500,606	Europe	2,496	193,501
Greece	971,877	1,045,813			
Italy	2,323,062	2,065,454	Philippines	7	401
Netherlands	4,614,972	2,870,037	Other Asia and Oceania	6,539	725,952
Norway	75,160	56,505	Senegal	5,361	562,951
Spain	1,044,428	1,669,670	South Africa	2,167	88,543
United Kingdom	2,826,662	2,034,225	Other Africa	26,789	5,572,179
Other Europe	16,065,006	15,364,395			
Total Europe	26,050,818	29,207,603	World total	144,984	13,092,511
India			Relief or charity ²	43,036	6,268,250
Israel	330,439	395,022			
Japan	7,640,262	8,610,030			
Other Asia and Oceania	2,784,759	3,555,070			
Egypt	667,238	731,403			
Other Africa	378,664	596,446			
Other countries	1,815,362	2,779,619			
World total	42,482,654	49,156,204			
Relief or charity ²					

¹Year beginning Oct. 1.

²Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 48.—Oats: Area, yield, production, disposition, and value, United States, 1964-78

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel re- ceived by farmers ²	Value of production
	Planted ¹	Harvested						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	25,634	19,759	43.1	852,257	570,425	281,832	0.631	540,875
1965	24,046	18,522	50.2	929,554	614,801	314,753	.622	587,414
1966	23,343	17,877	44.9	803,324	526,776	276,548	.666	539,808
1967	20,719	16,110	49.3	793,800	525,377	268,423	.659	528,034
1968	23,342	17,708	53.7	950,689	591,648	359,041	.598	575,848
1969	23,561	17,971	53.7	965,863	586,254	379,609	.584	572,321
1970	24,410	18,594	49.2	915,236	561,303	353,933	.623	582,225
1971	21,831	15,705	55.9	878,079	539,095	338,984	.604	543,715
1972	19,990	13,410	51.5	690,616	428,465	262,151	.724	507,202
1973	18,605	13,770	47.9	659,136	403,507	255,629	1.18	774,715
1974	17,013	12,608	47.6	600,655	389,016	211,639	1.53	912,010
1975	16,486	13,092	49.0	642,042	396,586	245,586	1.46	928,391
1976	16,734	11,946	45.7	546,315	352,983	193,332	1.56	845,188
1977	17,733	13,452	55.8	750,901	456,272	294,629	1.10	824,703
1978 ³	16,385	11,531	52.2	601,477	370,769	230,708	1.18	704,526

¹Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.²Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.³Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 49.—Oats: Stocks on and off farms, United States, 1964-78

Year beginning October	On farms				Off farms ²			
	Oct. 1	Jan. 1	Apr. 1	July 1 ¹	Oct. 1	Jan. 1	Apr. 1	July 1 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	728,807	604,469	389,534	213,738	120,316	87,774	71,050	62,770
1965	782,038	661,263	449,217	241,215	138,613	102,605	87,258	75,460
1966	678,804	557,581	355,033	199,294	156,250	105,110	87,895	71,346
1967	650,293	552,084	363,866	207,725	135,670	104,378	83,534	66,511
1968	791,680	668,396	448,085	278,688	154,655	123,227	109,377	99,949
1969	847,091	738,853	541,049	352,783	193,728	160,986	144,644	145,812
1970	857,908	710,715	509,312	315,933	246,292	210,771	199,540	200,822
1971	810,818	691,350	506,509	336,119	280,502	250,581	228,710	204,940
1972	681,046	558,177	378,809	229,986	249,036	220,117	206,575	180,974
1973	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,745
1974	497,668	380,064	233,313	119,303	155,720	122,512	89,865	65,307
1975	487,412	398,881	247,832	158,939	130,775	94,092	70,101	46,277
1976	419,968	339,008	211,615	129,328	112,445	73,477	47,459	35,603
1977	561,425	482,291	357,348	257,067	115,459	82,707	61,317	53,556
1978 ³	550,727	483,167	329,231	.....	115,008	80,570	64,395	.....

¹Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.²Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.³Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 50.—Oats: Supply and disappearance, United States, 1964–78

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use			Ex- ports	Total disap- pear- ance	Pri- vately held ¹	Gov- ern- ment ²	Total
					Feed	Food and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	363	852	3	1,218	782	106	888	5	893	299	26	325
1965	325	930	4	1,259	742	105	847	34	881	341	37	378
1966	378	803	4	1,185	749	97	846	22	868	276	41	317
1967	317	794	3	1,114	686	101	787	11	798	271	45	316
1968	316	951	2	1,269	736	101	837	8	845	377	47	424
1969	424	966	2	1,392	735	104	839	5	844	468	80	548
1970	548	915	1	1,464	778	97	875	19	894	429	141	570
1971	570	878	3	1,451	739	94	833	21	854	423	174	597
1972	597	691	3	1,291	721	88	809	19	828	350	113	463
1973	463	659	⁽³⁾	1,123	674	85	759	57	816	282	25	307
1974	307	601	⁽³⁾	908	584	82	666	19	685	216	7	223
1975	223	642	1	866	562	85	647	14	661	205	0	205
1976	205	546	2	753	490	88	578	10	588	165	0	165
1977 ⁴	165	751	2	918	512	84	596	11	607	311	0	311
1978 ⁴	311	601	1	913	...	...	...	...	...	...	...	...

¹ Includes total Government loans (original and resale).² Uncommitted Government only.³ Less than 500,000 bushels.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 51.—Oats: Price-support operations, United States 1964–79

Year beginning July ¹	Support price		Put under support ³		Acquired by CCC under support program ⁴	Owned by CCC June 30 ¹
	Per bushel	Percentage of parity ²	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	0.65	77	44.9	5.3	25.1	42.2
1965 .....	.60	70	43.9	4.7	6.8	50.6
1966 .....	.60	69	22.7	2.8	6.5	47.8
1967 .....	.63	71	37.2	4.7	19.5	45.2
1968 .....	.63	70	94.9	10.1	35.6	⁵ 54.2
1969 .....	.63	67	152.4	15.7	62.0	⁵ 104.3
1970 .....	.63	66	108.8	11.9	26.6	⁵ 168.9
1971 .....	.54	56	81.9	9.3	.7	⁵ 178.1
1972 .....	.54	54	31.8	4.6	.....	⁵ 104.9
1973 .....	.54	48	10.4	1.6	.....	⁵ 23.9
1974 .....	.54	43	3.9	.6	.....	⁵ 5.8
1975 .....	.54	37	3.9	.6	.....	.....
1976 .....	.72	45	4.6	.8	.....	.....
1977	1.03	59	82.9	11.0	1.5	1.5
1978	1.03	53	⁶ 25.0	⁶ 3.3	.5	2.0
1979	⁶ 1.03	.....	.....	.....	.....	.....

¹ Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.² Percentage of the parity price as of the beginning of the marketing year.³ Includes loans made, purchases, and purchase agreements entered into.⁴ Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.⁵ Uncommitted CCC inventory.⁶ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 52.—Oats: Area, yield, and production, by States, 1976–78

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala.	90	92	92	25	25	30	37.0	41.0	40.0	925	1,025	1,200
Ark.	65	85	80	55	50	55	78.0	70.0	73.0	4,250	3,500	4,015
Calif.	385	400	380	100	104	106	49.0	51.0	48.0	4,900	5,304	5,088
Colo.	114	115	121	50	31	40	47.0	46.0	44.0	2,350	1,426	1,760
Fla. ³	33	33	12	12	12	12	50.0	45.0	600	540	540	540
Ga.	140	130	135	60	55	65	53.0	50.0	53.0	3,180	2,750	3,445
Idaho	60	66	65	43	45	49	56.0	57.0	64.0	2,408	2,565	3,136
Ill.	435	390	400	380	340	275	59.0	61.0	56.0	22,420	20,740	15,400
Iowa	250	200	220	200	150	165	51.0	53.0	54.0	10,200	7,950	8,910
Ind.	1,700	1,650	1,800	1,400	1,350	1,150	59.0	61.0	58.0	82,600	82,350	66,700
Kans.	250	285	170	200	210	120	42.0	45.0	39.0	8,400	9,450	4,680
Ky.	42	36	36	10	9	7	35.0	35.0	42.0	350	315	294
La. ³	19	19	9	9	7	52.0	54.0	54.0	468	378	378	378
Maine	38	38	39	28	30	36	50.0	50.0	66.0	1,400	1,500	2,376
Md.	27	27	28	22	22	23	55.0	54.0	54.0	1,210	1,188	1,242
Mich.	420	400	390	385	340	360	51.0	55.0	57.0	19,635	18,700	20,520
Minn.	2,300	2,530	2,150	2,060	2,380	1,830	46.0	68.0	54.0	94,760	161,840	98,820
Miss. ³	30	30	13	13	13	13	42.0	45.0	546	585	585	585
Mo.	210	220	80	136	145	35	40.0	50.0	38.0	5,440	7,250	1,330
Mont.	260	312	400	157	140	208	48.0	40.0	51.0	7,536	6,200	10,608
Nebr.	850	840	600	660	700	450	42.0	58.0	47.0	27,720	40,600	21,150
Nev. ³	10	13	3	3	4	4	48.0	55.0	144	220	220	220
N.J.	11	10	9	8	9	8	51.0	43.0	48.0	408	387	384
N.Y.	360	340	350	315	290	300	55.0	53.0	59.0	17,325	15,370	17,700
N.C.	175	170	185	80	75	95	47.0	42.0	55.0	3,760	3,150	5,225
N.Dak.	1,320	1,900	1,350	1,180	1,500	1,220	38.0	40.0	54.0	44,840	60,000	65,880
Ohio	550	460	440	500	420	400	57.0	59.0	61.0	28,500	24,780	24,400
Okla.	230	280	260	105	130	95	45.0	46.0	36.0	4,725	5,980	3,420
Oreg.	130	140	130	70	80	70	55.0	65.0	60.0	3,850	5,200	4,200
Pa.	390	390	360	355	350	340	51.0	53.0	53.0	18,105	18,550	18,020
S.C.	140	117	135	65	55	75	45.0	46.0	52.0	2,925	2,530	3,900
S.Dak.	2,560	2,920	2,570	1,420	2,450	2,210	30.0	54.0	46.5	42,600	132,300	102,765
Tenn.	102	108	96	25	25	25	45.0	43.0	45.0	1,125	1,075	1,125
Tex.	1,330	1,450	1,800	390	600	430	37.0	40.0	32.0	14,430	24,000	13,760
Utah	22	20	21	12	10	12	57.0	55.0	48.0	684	550	576
Va.	65	75	82	31	34	36	48.0	44.0	45.0	1,488	1,496	1,620
Wash.	82	78	72	35	35	30	56.0	43.0	62.0	1,960	1,505	1,860
W.Va.	19	19	18	14	12	12	45.0	41.0	42.0	630	492	504
Wis.	1,450	1,270	1,250	1,280	1,170	1,120	43.0	65.0	56.0	55,040	76,050	62,720
Wyo.	70	75	71	53	45	49	46.0	38.0	56.0	2,438	1,710	2,744
U.S.	16,734	17,733	16,385	11,946	13,452	11,531	45.7	55.8	52.2	546,315	750,901	601,477

¹Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.²Preliminary.³Estimates discontinued after 1977 Crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 53.—Oats and oatmeal: United States exports, by country of destination, 1976 and 1977¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1976	1977		1976	1977
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Oats:			Oatmeal:		
Mexico	83	4,270	Mexico	3	297
Belgium and Luxembourg		7,915	Central America	10,502	9,705
Germany, Fed. Rep. of	25,053	119,090	Colombia	1,757	3,284
Italy	11,118		Ecuador	63	96
Netherlands	14,362	24,997	Venezuela	7,324	7,413
Switzerland	2,059	4,935	Other Americas	4,397	5,156
Other countries	30,266	57,572	Other countries	683	4,581
World total ²	82,941	218,779	World total	24,719	30,532

¹Year beginning Oct. 1.²Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 54.—Oats: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.	1,200	696	504	1.40	1,680	706
Ark.	4,015	923	3,092	1.45	5,822	4,483
Calif.	5,088	763	4,325	1.60	8,141	6,920
Colo.	1,760	1,056	704	1.20	2,112	845
Fla. ¹						
Ga.	3,445	1,757	1,688	1.30	4,479	2,194
Idaho	3,136	1,443	1,693	1.45	4,547	2,455
Ill.	15,400	8,932	6,468	1.25	19,250	8,085
Ind.	8,910	5,079	3,831	1.55	13,811	5,938
Iowa	66,700	45,356	21,344	1.20	80,040	25,613
Kans.	4,680	3,416	1,264	1.40	6,552	1,770
Ky.	294	229	65	1.95	573	127
La. ¹						
Maine	2,376	356	2,020	1.05	2,495	2,121
Md.	1,242	1,018	224	1.50	1,863	336
Mich.	20,520	8,618	11,902	1.25	25,650	14,878
Minn.	98,820	58,304	40,516	1.10	108,702	44,568
Miss. ¹						
Mo.	1,330	1,130	200	1.15	1,530	230
Mont.	10,608	7,213	3,395	1.15	12,199	3,904
Nebr.	21,150	13,324	7,826	1.20	25,380	9,391
Nev. ¹						
N.J.	384	269	115	1.45	557	167
N.Y.	17,700	11,859	5,841	1.40	24,780	8,177
N.C.	5,225	3,030	2,195	1.25	6,531	2,744
N. Dak.	65,880	40,846	25,034	1.00	65,880	25,034
Ohio	24,400	13,908	10,492	1.35	32,940	14,164
Okl.	3,420	2,326	1,094	1.45	4,959	1,586
Oreg.	4,200	1,134	3,066	1.40	5,880	4,292
Pa.	18,020	14,056	3,964	1.45	26,129	5,748
S.C.	3,900	2,145	1,755	1.20	4,680	2,106
S. Dak.	102,765	55,493	47,272	1.05	107,903	49,636
Tenn.	1,125	765	360	1.75	1,969	630
Tex.	13,760	8,256	5,504	1.30	17,888	7,155
Utah	576	432	144	1.60	922	230
Va.	1,620	1,215	405	1.50	2,430	608
Wash.	1,860	1,116	744	1.60	2,976	1,190
W. Va.	504	464	40	1.15	580	46
Wis.	62,720	52,058	10,662	1.10	68,992	11,728
Wyo.	2,744	1,784	960	1.35	3,704	1,296
U.S.	601,477	370,769	230,708	1.18	704,526	271,101

¹ Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 55

¹ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1978 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1978 and ends early in 1979.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 55. — Oats: Area, yield per hectare, and production in specified countries, 1976–78¹

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
North America:	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada	2,410	2,131	1,829	2.00	2.02	1.98	4,831	4,303	3,621
Mexico	70	65	80	.86	.94	.94	60	61	75
United States	4,834	5,444	4,666	1.64	2.00	1.87	7,930	10,901	8,724
Total	7,314	7,640	6,575	1.75	2.00	1.89	12,821	15,265	12,420
South America:									
Argentina	383	430	425	1.38	1.33	1.29	530	570	550
Brazil	38	46	45	1.05	.87	.89	40	40	40
Chile	75	75	74	1.65	1.24	1.41	124	93	104
Colombia	2	2	2	2.50	2.00	2.00	5	5	4
Ecuador	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay	64	30	40	.52	.57	.90	33	17	36
Total	563	584	587	1.30	1.24	1.25	733	726	735
Europe:									
Belgium-Luxembourg	59	48	40	2.46	2.92	3.15	145	140	126
Denmark	198	78	71	2.61	3.69	3.04	256	288	216
France	645	625	590	2.17	3.08	3.07	1,402	1,928	1,810
Germany, Fed. Rep. of	855	793	754	2.92	3.42	4.30	2,497	2,714	3,245
Ireland	42	35	30	3.57	3.63	3.67	150	127	110
Italy	236	226	229	1.86	1.57	1.92	440	355	440
Netherlands	25	21	25	4.12	4.48	4.60	103	94	115
United Kingdom	235	195	182	3.25	4.05	3.98	764	790	725
Total EC	2,195	2,021	1,921	2.62	3.18	3.53	5,757	6,436	6,787
Austria	95	90	90	2.98	3.10	3.31	283	279	298
Finland	551	417	465	2.85	2.45	2.80	1,573	1,022	1,300
Greece	67	63	62	1.57	1.27	1.63	105	80	101
Norway	102	99	99	2.81	3.51	3.62	287	347	358
Portugal	216	150	200	.62	.37	.20	133	55	40
Spain	455	384	419	1.11	1.10	1.29	505	421	539
Sweden	450	458	457	2.78	3.09	3.67	1,251	1,416	1,675
Switzerland	12	11	12	4.00	4.18	4.00	48	46	48
Total Western Europe	4,143	3,693	3,725	2.40	2.74	2.99	9,942	10,102	11,146
Albania	25	25	25	.68	.68	.68	17	17	17
Bulgaria	50	50	45	1.20	1.20	1.22	60	60	55
Czechoslovakia	198	190	180	1.91	2.39	2.78	379	454	500
German Dem. Rep.	190	153	190	2.66	2.69	2.63	506	411	500
Hungary	39	32	27	2.21	2.16	2.70	86	69	73
Poland	1,115	1,097	1,000	2.42	2.33	2.60	2,695	2,561	2,600
Romania	67	54	42	.72	1.13	1.17	48	61	49
Yugoslavia	232	231	230	1.38	1.34	1.35	320	309	310
Total Eastern Europe	1,916	1,832	1,739	2.15	2.15	2.36	4,111	3,942	4,104
Total Europe	6,059	5,525	5,464	2.32	2.54	2.79	14,053	14,044	15,250
Soviet Union (Europe and Asia) ..	11,237	13,026	12,700	1.61	1.41	1.50	18,113	18,407	19,000
Africa:									
Algeria	50	70	75	.74	.93	1.20	37	65	90
Morocco	31	27	27	1.16	.30	.81	36	8	22
South Africa	605	552	535	.14	.07	.07	85	40	36
Total	686	649	637	.23	.17	.23	158	113	148
Asia:									
China, Mainland	1,230	1,487	1,400	1.06	1.02	1.14	1,300	1,515	1,600
Japan	10	8	11	2.20	2.25	1.82	22	18	20
Turkey	243	230	230	1.65	1.61	1.61	400	370	370
Total	1,483	1,725	1,641	1.16	1.10	1.21	1,722	1,903	1,990
Oceania:									
Australia	991	1,076	1,424	1.08	.92	1.09	1,073	991	1,551
New Zealand	19	17	18	3.74	3.47	3.33	71	59	60
Total	1,010	1,093	1,442	1.13	.96	1.12	1,144	1,050	1,611
World total	28,352	30,242	29,046	1.72	1.70	1.76	48,744	51,508	51,154

See footnotes on page 41.

Table 56.—Barley: Area, yield, production, disposition, and value, United States, 1964–78

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers ²	Value of production
	Planted ¹	Harvested						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	11,652	10,277	37.6	386,059	91,400	294,659	0.953	365,050
1965	10,123	9,166	42.9	393,055	92,880	300,175	1.02	399,575
1966	11,184	10,250	38.3	392,108	103,816	288,292	1.06	411,849
1967	10,077	9,230	40.5	373,745	104,154	269,591	1.01	374,412
1968	10,486	9,732	43.8	426,151	110,361 ¹	315,790	.921	390,241
1969	10,291	9,557	44.7	427,055	116,637	310,418	.885	377,878
1970	10,476	9,712	42.8	416,091	114,865	301,226	.973	400,312
1971	11,061	10,104	45.8	462,423	125,052	337,371	.993	457,558
1972	10,567	9,645	43.7	421,719	109,480	312,239	1.21	505,222
1973	11,045	10,295	40.5	417,434	109,068	308,366	2.14	881,569
1974	8,713	7,930	37.7	298,669	81,501	217,168	2.81	821,639
1975	9,290	8,530	43.9	374,386	100,127	274,259	2.42	894,729
1976	9,157	8,297	44.9	372,461	98,175	274,286	2.25	829,716
1977	10,621	9,564	43.9	420,159	114,524	305,635	1.78	744,900
1978 ³	9,987	9,233	48.4	447,008	117,841	329,167	1.90	843,608

¹ Barley sown for all purposes, including barley sown in the preceding fall.² Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 57.—Barley: Stocks on and off farms, United States, 1964–78

Year beginning October	On farms				Off farms ²			
	Oct. 1	Jan. 1	Apr. 1	July 1 ¹	Oct. 1	Jan. 1	Apr. 1	July 1 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	247,182	180,785	101,466	38,376	148,680	119,853	97,834	61,146
1965	244,187	184,763	99,281	46,208	143,530	116,298	93,961	58,631
1966	246,672	177,746	113,764	56,467	139,998	115,226	92,240	64,798
1967	232,905	184,651	128,747	71,241	148,900	118,539	89,266	66,144
1968	305,974	250,262	185,706	116,056	151,139	123,898	99,034	84,609
1969	313,280	263,619	197,072	135,246	190,794	162,151	133,599	100,306
1970	305,992	238,143	141,748	80,534	183,833	142,192	115,019	74,845
1971	317,366	255,212	165,647	106,920	171,130	136,904	117,985	67,818
1972	321,090	245,864	160,937	88,699	131,967	115,568	97,340	73,788
1973	283,472	206,423	121,011	54,961	137,576	113,558	93,823	63,926
1974	176,641	125,032	62,975	29,582	126,165	102,728	71,227	45,642
1975	212,801	160,291	97,805	63,198	126,963	113,508	86,360	64,666
1976	208,938	153,726	90,752	52,252	152,354	117,511	97,316	73,448
1977	265,840	218,947	148,919	104,741	139,334	110,266	89,043	67,377
1978 ³	338,701	273,796	196,584	.....	129,611	114,164	98,076	.....

¹ Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.² Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 58.—Barley: Supply and disappearance, United States, 1964–78

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use			Ex- ports	Total disap- pear- ance	Pri- vately held ¹	Gov- ern- ment ²	Total
					Feed	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Millions bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	162	386	12	560	251	117	368	59	427	117	16	133
1965	133	393	8	534	202	121	323	78	401	123	10	133
1966	133	392	7	532	209	127	336	48	384	142	6	148
1967	148	374	9	531	205	129	334	36	370	155	6	161
1968	161	426	10	597	227	133	360	12	372	217	8	225
1969	225	427	13	665	248	138	386	10	396	256	13	269
1970	269	416	10	695	287	140	427	84	511	161	23	184
1971	184	462	12	658	266	143	409	41	450	208	0	208
1972	208	422	17	646	238	146	384	70	454	191	1	192
1973	192	417	9	618	232	147	379	93	472	146	0	146
1974	146	299	20	465	180	151	331	42	373	92	0	92
1975	92	374	16	482	182	148	330	24	354	128	0	128
1976	128	372	11	511	161	158	319	66	385	126	0	126
1977	126	420	9	555	167	159	326	57	383	172	0	172
1978 ³	172	447	10	629	...	...	...	...	...	...	...	...

¹Includes Government loans (original and resale).²Uncommitted Government only.³Preliminary.

Economics, Statistics, and Cooperatives Service — Economics.

Table 59.—Barley: Area, yield, and production, by States, 1976–1978

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ariz	65	62	42	57	55	35	76.0	76.0	71.0	4,332	4,180	2,485
Calif	1,200	1,150	1,100	1,010	950	950	56.0	56.0	48.0	56,560	53,200	45,600
Colo	275	280	280	245	230	240	55.0	59.0	64.0	13,475	13,570	15,360
Del	34	34	33	25	22	24	48.0	44.0	44.0	1,200	968	1,056
Ga. ³	7	9	..	6	7	..	45.0	37.0	..	270	259	..
Idaho	810	1,000	950	800	940	930	54.0	47.0	60.0	43,200	44,180	55,800
Ill	11	10	10	10	9	7	40.0	42.0	36.0	400	378	252
Ind. ³	12	9	..	9	8	..	42.0	40.0	..	378	320	..
Kans	80	90	72	68	78	60	35.0	36.0	44.0	2,380	2,808	2,640
Ky	35	39	37	23	25	23	37.0	46.0	43.0	851	1,150	989
Md	103	100	105	90	70	85	49.0	49.0	45.0	4,410	3,430	3,825
Mich	20	21	20	19	19	19	46.0	52.0	47.0	874	988	893
Minn	880	1,100	1,070	860	1,080	1,050	41.0	51.0	49.5	35,260	55,080	51,975
Mo. ³	10	10	..	8	8	..	32.0	37.0	..	256	296	..
Mont	1,220	1,550	1,500	1,170	1,430	1,375	44.5	36.5	41.0	52,065	52,195	56,375
Nebr	45	47	33	40	43	29	36.0	45.0	38.0	1,440	1,935	1,102
Nev	18	21	22	16	19	20	54.0	65.0	60.0	864	1,235	1,200
N.J	42	40	39	20	17	20	49.0	48.0	46.0	980	816	920
N.Mex	32	35	33	24	26	25	51.0	51.0	57.0	1,224	1,326	1,425
N.Y	10	11	11	9	10	10	44.0	44.0	42.0	396	440	420
N.C	73	67	70	60	55	59	39.0	40.0	51.0	2,340	2,200	3,009
N.Dak	2,200	2,690	2,500	2,140	2,530	2,450	38.0	39.0	46.0	81,320	98,670	112,700
Ohio	13	13	11	11	11	10	52.0	51.0	48.0	572	561	480
Okla	85	140	100	73	120	80	42.0	35.0	34.0	3,066	4,200	2,720
Oreg	180	210	200	160	190	185	46.0	47.0	50.0	7,360	8,930	9,250
Pa	140	135	135	125	125	125	43.0	50.0	47.0	5,375	6,250	5,875
S.C	25	24	27	20	21	24	36.0	40.0	47.0	720	840	1,128
S.Dak	580	680	600	350	640	565	17.0	42.0	37.0	5,950	26,880	20,905
Tenn	25	24	22	13	13	13	37.0	39.0	34.0	481	507	442
Tex	75	150	110	52	85	40	39.0	40.0	27.0	2,028	3,400	1,080
Utah	151	144	148	126	115	131	55.0	54.0	56.0	6,930	6,210	7,336
Va	110	115	123	92	92	101	48.0	44.0	50.0	4,416	4,048	5,050
Wash	400	420	400	390	350	380	54.0	27.0	65.0	21,060	9,450	24,700
W.Va	10	10	11	9	9	10	42.0	42.0	44.0	378	378	440
Wis	35	31	28	32	29	27	40.0	54.0	49.0	1,280	1,566	1,323
Wyo	146	150	145	135	133	131	62.0	55.0	63.0	8,370	7,315	8,253
U.S	9,157	10,621	9,987	8,297	9,564	9,233	44.9	43.9	48.4	372,461	420,159	447,008

¹Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.²Preliminary.³Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 61

¹Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31²Includes price-support payments of 12 cents in 1965, 1969, and 1970, and a guarantee of 32 cents in 1972 and 26 cents in 1973. Barley was excluded from program in 1967, 1968, and 1971. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is 90 cents; for 1976, \$1.22; and, for 1977–79, \$1.63 on entire production. For 1974 to 1978, the target level is a price guarantee on allotment production at levels indicated under support price.³Percentage of parity price as of the beginning of the marketing year.⁴Represents loans made, purchases, and purchase agreements entered into.⁵Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.⁶Uncommitted CCC inventory.⁷Preliminary.

Agricultural Stabilization and Conservation Service.

Table 60.—Barley: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ariz.	2,485	373	2,112	2.40	5,964	5,069
Calif.	45,600	5,472	40,128	2.35	107,160	94,301
Colo.	15,360	2,611	12,749	2.35	36,096	29,960
Del.	1,056	401	655	1.80	1,901	1,179
Idaho	55,800	20,646	35,154	1.95	108,810	68,550
Ill.	252	144	108	1.75	441	189
Ind. ¹						
Kans.	2,640	1,241	1,399	1.65	4,356	2,308
Ky.	989	386	603	1.65	1,632	995
Md.	3,825	2,218	1,607	1.80	6,885	2,893
Mich.	893	429	464	2.60	2,322	1,206
Minn.	51,975	7,796	44,179	1.80	93,555	79,522
Mo. ¹						
Mont.	56,375	13,530	42,845	1.70	95,838	72,837
Nebr.	1,102	716	386	1.70	1,873	656
Nev.	1,200	600	600	2.20	2,640	1,320
N.J.	920	322	598	1.75	1,610	1,047
N.Mex.	1,425	556	869	1.95	2,779	1,695
N.Y.	420	218	202	1.40	588	283
N.C.	3,009	1,896	1,113	1.80	5,416	2,003
N.Dak.	112,700	24,794	87,906	1.75	197,225	153,836
Ohio	480	394	86	1.75	840	151
Okl.	2,720	1,714	1,006	1.70	4,624	1,710
Oreg.	9,250	1,387	7,863	1.90	17,575	14,940
Pa.	5,875	4,054	1,821	1.80	10,575	3,278
S.C.	1,128	632	496	1.80	2,030	893
S.Dak.	20,905	9,825	11,080	1.70	35,539	18,836
Tenn.	442	345	97	1.95	862	189
Tex.	1,080	335	745	1.90	2,052	1,116
Utah	7,336	4,475	2,861	2.00	14,672	5,722
Va.	5,050	3,232	1,818	1.90	9,595	3,454
Wash.	24,700	2,717	21,983	1.85	45,695	40,669
W.Va.	440	387	53	2.00	880	106
Wis.	1,323	529	794	1.65	2,183	1,310
Wyo.	8,253	3,466	4,787	2.35	19,395	11,249
U.S.	447,008	117,841	329,167	1.90	843,608	623,772

¹Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 61.—Barley: Price-support operations, United States, 1964–79

Year beginning July ¹	Support price		Put under support ⁴		Acquired by CCC under support program ⁵	Owned by CCC June 30
	Per bushel ²	Percentage of parity ³	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	0.96	78	15.0	3.9	0.3	19.5
1965	.96	77	16.5	4.2	1.8	10.8
1966	1.00	78	16.5	4.2	2.5	5.9
1967	.90	68	48.2	12.9	17.0	5.9
1968	.90	67	123.8	29.3	70.0	⁶ 18.5
1969	1.03	73	52.5	12.4	5.6	⁶ 18.1
1970	1.03	71	27.6	6.7	.9	⁶ 28.9
1971	.81	53	88.9	19.2	.7	⁶ 1.4
1972	1.15	73	41.7	9.9	.....	⁶ .6
1973	1.34	74	15.3	3.6	.....	⁶ .4
1974	1.13	54	6.9	2.3	.....	.....
1975	1.13	44	9.2	2.5	.....	.....
1976	1.28	42	19.2	5.2	.....	.....
1977	1.39	46	86.9	20.7	.7	.7
1978	2.25	73	⁷ 68.0	⁷ 16.2	1.3	2.0
1979	⁷ 2.40	.....	.....	.....	.....	.....

See footnotes on page 45.

Table 62. — Barley and malt: United States exports, by country of destination 1976 and 1977¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1976	1977		1976	1977
Barley:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	Malt:	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Mexico	109	1,742	Canada	8	27
Belgium and Luxembourg	5,586	.....	Mexico	51	.....
Germany, Fed. Rep. of	8,849	1,798	Costa Rica	1	.....
Italy	4,413	477	Dominican Republic	246	362
Netherlands	3,098	.....	Jamaica	10	3
Poland .....	.....	6,683	Guyana	132	115
United Kingdom	5,845	.....	Peru .....	.....	2
Other Europe	9,553	2,932	Venezuela	485	404
Israel .....	.....	.....	Other Americas	1	20
Japan	3,026	3,281	Japan	761	524
Korea, Rep. of	13,340	5,803	Other countries	4	102
Other countries	30,681	16,826	World total	1,699	1,559
World total ²	84,500	39,542			

¹ Year beginning Oct. 1.² Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 63. — Barley: Area, yield per hectare, and production in specified countries, 1976–78¹

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
North America:	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada	4,354	4,751	4,259	2.41	2.48	2.42	10,513	11,799	10,295
Mexico	329	295	310	1.46	1.39	1.50	480	410	465
United States	3,359	3,870	3,736	2.41	2.36	2.60	8,099	9,144	9,732
Total	8,042	8,916	8,305	2.37	2.39	2.47	19,092	21,353	20,492
South America:									
Argentina	476	310	300	1.60	1.14	1.33	760	353	400
Bolivia	112	112	115	.71	.54	.72	80	60	83
Brazil	83	100	95	1.20	1.03	1.05	100	103	100
Chile	63	64	65	2.27	1.95	2.00	143	125	130
Colombia	57	49	75	1.11	1.76	1.96	63	86	147
Ecuador	65	50	40	.88	.80	.80	57	40	32
Peru	185	180	185	.89	.94	.95	165	170	175
Uruguay	44	43	45	.91	.88	1.16	40	38	52
Total	1,085	908	920	1.30	1.07	1.22	1,408	975	1,119
Europe:									
Belgium-Luxembourg	156	170	176	4.11	4.31	4.50	641	733	792
Denmark	1,478	1,527	1,538	3.23	3.98	4.24	4,768	6,084	6,525
France	2,752	2,909	2,770	3.02	3.54	3.97	8,319	10,290	11,000
Germany, Fed. Rep. of	1,735	1,811	1,950	3.74	4.19	4.39	6,487	7,583	8,560
Ireland	246	289	332	3.78	4.91	4.29	930	1,420	1,425
Italy	275	290	294	2.76	2.33	2.69	760	677	790
Netherlands	62	66	72	4.24	4.35	4.31	263	287	310
United Kingdom	2,182	2,400	2,350	3.51	4.38	4.34	7,648	10,520	10,200
Total EC	8,886	9,462	9,482	3.36	3.97	4.18	29,816	37,594	36,602
Austria	325	329	338	3.96	3.68	3.78	1,287	1,212	1,278
Finland	507	577	550	3.06	2.51	2.55	1,553	1,447	1,400
Greece	398	387	365	2.40	1.81	2.63	955	702	960
Malta-Gozo	2	2	2	1.50	1.50	1.50	3	3	3
Norway	173	179	180	2.81	3.40	3.36	486	609	605
Portugal	114	65	83	.91	.52	.43	104	34	36
Spain	3,240	3,149	3,326	1.69	2.13	2.40	5,473	6,693	7,995
Sweden	554	598	674	3.29	3.29	3.79	1,825	1,966	2,553
Switzerland	43	45	47	4.33	4.00	4.19	186	180	197
Total Western Europe	14,242	14,793	15,047	2.93	3.41	3.63	41,688	50,440	54,629

See footnotes at end of table.

Table 63.—Barley: Area, yield per hectare, and production in specified countries, 1976-78¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Europe—Continued									
Albania	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria	524	530	500	3.41	2.78	3.20	1,786	1,476	1,600
Czechoslovakia	857	851	930	3.39	3.77	3.76	2,901	3,207	3,500
German Dem. Rep.	960	997	950	3.60	3.69	4.11	3,456	3,681	3,900
Hungary	229	224	225	3.26	3.16	3.38	747	708	760
Poland	1,210	1,235	1,203	2.99	2.76	3.08	3,617	3,404	3,700
Romania	410	595	721	3.00	3.12	3.02	1,231	1,857	2,174
Yugoslavia	293	306	300	2.23	2.12	2.17	653	650	650
Total Eastern Europe	4,493	4,748	4,839	3.21	3.16	3.37	14,401	14,993	16,294
Total Europe	18,735	19,541	19,886	2.99	3.35	3.57	56,089	65,433	70,923
Soviet Union (Europe and Asia)	34,258	34,514	32,700	2.03	1.53	1.90	69,539	52,687	62,000
Africa:									
Algeria	600	800	800	.70	.63	.81	420	500	650
Egypt	44	40	42	2.80	2.78	2.83	123	111	119
Ethiopia	1,775	1,775	1,775	.85	.85	.85	1,500	1,500	1,500
Libya	160	160	160	.63	.63	.63	100	100	100
Morocco	2,117	2,316	2,313	1.30	.58	1.21	2,761	1,345	2,800
South Africa	112	114	125	.56	.78	.68	63	89	85
Tunisia	350	300	300	.77	.33	.47	270	100	140
Total	5,158	5,505	5,515	1.02	.68	.98	5,237	3,745	5,394
Asia:									
Afghanistan	350	350	350	1.07	1.07	1.07	375	375	375
Bangladesh	26	26	26	.62	.62	.62	16	16	16
China, Mainland	6,500	5,898	5,900	1.52	1.16	1.19	9,900	6,860	7,000
Cyprus	75	75	75	.93	.63	.63	70	47	47
India	2,802	2,241	1,992	1.14	1.05	1.16	3,192	2,344	2,309
Iran	1,350	1,400	1,300	.85	.79	.77	1,150	1,100	1,000
Iraq	650	529	800	.92	.86	1.00	600	457	800
Israel	26	27	20	.77	.74	.60	20	20	12
Japan	80	78	96	2.63	2.64	3.40	210	206	326
Jordan	54	45	29	.24	.27	.52	13	12	15
Korea, Rep. of	711	516	554	2.47	1.58	2.43	1,759	814	1,348
Lebanon	9	9	9	1.44	.89	1.44	13	8	13
Nepal	25	27	27	.84	.96	.96	21	26	26
Pakistan	186	174	179	.66	.71	.70	122	124	126
Saudi Arabia	26	11	11	1.35	2.27	2.27	35	25	25
Syria	1,172	600	750	.90	.56	.80	1,060	337	600
Turkey	2,635	2,620	2,650	1.86	1.81	1.77	4,900	4,750	4,700
Total	16,677	14,626	14,768	1.41	1.20	1.27	23,456	17,521	18,738
Oceania:									
Australia	2,320	2,804	2,759	1.23	.85	1.43	2,850	2,386	3,953
New Zealand	76	70	72	4.16	3.80	3.92	316	266	282
Total	2,396	2,874	2,831	1.32	.92	1.50	3,166	2,652	4,235
World total	86,351	86,884	84,925	2.06	1.89	2.15	177,987	164,366	182,901

¹ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1978 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1978 and end early in 1979.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 64.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1964–78

Year	Wheat		Rye		Rice (milled) ³		Corn					Oats		Barley			
	Total consumed ¹	Per capita consumption of food products	Total consumed ¹	Per capita consumption of rye flour	Total consumed ¹	Per capita consumption	Per capita consumption of food products					Total consumed ⁵	Per capita consumption of oat food products	Total consumed ⁶	Per capita consumption of food products ⁷		
							Flour ²	Cereal	Meal	Cereal	Sirup					Sugar	Starch
Pounds	Pounds	Million bushels	Pounds	Million cwt.	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds			
1964	501	114	2.9	4.8	13.2	7.1	188	6.2	2.1	13.6	4.4	1.8	45	3.6	7	1.1	
1965	502	113	2.9	5.1	14.5	7.6	194	6.6	2.2	13.7	4.5	1.8	44	3.4	7	1.2	
1966	499	112	2.9	5.3	14.1	7.3	196	6.9	2.2	14.0	4.6	1.8	44	3.3	7	1.2	
1967	507	112	2.9	5.4	14.6	7.5	202	7.2	2.3	14.1	4.6	1.8	43	3.2	8	1.2	
1968	510	112	2.9	5.8	15.4	7.9	210	7.4	2.3	14.8	4.7	1.9	43	3.2	8	1.2	
1969	513	112	2.9	5.4	16.4	8.3	215	7.4	2.3	15.4	4.9	1.9	44	3.2	8	1.2	
1970	510	110	2.9	5.5	13.4	6.7	220	7.4	2.3	15.8	5.0	1.9	44	3.2	8	1.2	
1971	513	110	2.9	5.3	15.6	7.7	225	7.4	2.3	16.2	5.0	1.9	44	3.2	8	1.2	
1972	517	109	2.9	4.9	14.5	7.0	240	7.4	2.3	18.7	4.8	1.9	45	3.2	8	1.2	
1973	536	112	2.9	5.9	14.5	7.0	261	7.5	2.3	21.7	5.2	1.9	45	3.2	8	1.2	
1974	536	110	2.9	5.9	15.9	7.6	280	7.6	2.3	25.0	5.3	1.9	46	3.2	8	1.2	
1975	561	113	2.9	4.7	16.1	7.7	305	7.7	2.3	28.5	5.5	1.9	46	3.2	8	1.2	
1976	588	118	2.9	3.9	15.3	7.2	330	7.7	2.3	32.0	5.5	1.9	46	3.2	8	1.2	
1977 ⁸	575	114	2.9	3.6	16.2	7.6	345	7.7	2.3	34.0	5.5	1.9	46	3.2	8	1.2	
1978 ⁸	578	114	2.9	3.7	12.5	5.8	365	7.7	2.3	34.7	5.5	1.9	46	3.2	8	1.2	

¹ Excludes quantities used in alcoholic beverages.² Includes white, whole wheat, and semolina flour.³ Rice consumption for year beginning August previous to the year stated.⁴ Includes an allowance for the quantity used as hominy and grits.⁵ Oats used in oatmeal, prepared breakfast foods, infant foods, and minor food products.⁶ Malt for food, breakfast food uses, pearl barley, and flour.⁷ Malt equivalent of barley food products.⁸ Preliminary. Estimates of corn sirup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968.

Economics, Statistics, and Cooperatives Service—Economics. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

Table 65. — Sorghum: Area, yield, production, disposition, and value, United States, 1964-78

Year	Area planted for all purposes ¹	Sorghum for grain ²						Sorghum for silage			
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel ³	Value of production	Area harvested	Yield per harvested acre	Production
		1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons ⁴	1,000 tons ⁴
1964	16,770	11,742	41.7	489,796	106,215	383,581	1.05	511,988	1,200	9.4	11,249
1965	17,079	13,029	51.6	672,698	148,371	524,327	.984	659,146	1,195	10.3	12,324
1966	16,372	12,813	55.8	714,992	133,440	581,552	1.02	729,594	1,089	10.9	11,851
1967	18,945	14,988	50.4	755,344	152,113	603,231	.992	744,182	1,036	9.9	10,236
1968	17,793	13,890	52.6	731,277	139,581	591,696	.949	690,608	908	10.7	9,749
1969	17,231	13,437	54.3	729,919	157,152	572,767	1.07	771,510	798	11.7	9,360
1970	16,957	13,568	50.4	683,179	139,146	544,033	1.14	779,630	741	9.7	7,204
1971	20,547	16,142	53.8	867,997	244,515	623,482	1.04	895,823	1,011	10.9	10,998
1972	17,035	13,212	60.7	801,350	165,106	636,244	1.37	1,096,062	840	11.8	9,946
1973	18,994	15,700	58.8	923,224	180,841	742,383	2.14	1,978,268	836	11.4	9,520
1974	17,588	13,909	45.1	622,711	162,819	459,892	2.77	1,721,927	836	9.8	7,279
1975	18,104	15,355	49.0	753,046	176,840	576,206	2.03	1,775,023	752	9.9	7,426
1976	18,402	14,723	48.9	719,817	206,487	513,330	2.03	1,450,085	772	9.3	7,168
1977	16,993	14,092	56.3	792,983	250,345	542,638	1.82	1,433,991	842	10.9	9,168
1978 ⁵	16,483	13,581	55.1	748,410	228,837	519,573	1.94	1,444,654	714	10.9	7,757

⁴ Green weight.⁵ Preliminary.¹ Grain and sweet sorghum for all uses, including sirup.² Includes both grain sorghum for grain, and sweet sorghum for grain or seed.³ Based on the reported price of grain sorghum. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 66.—Sorghum grain: Stocks on and off farms, United States, 1964–79

Year	On farms				Off farms ³			
	Jan. 1	Apr. 1	July 1 ¹	Oct. 1 ²	Jan. 1	Apr. 1	July 1 ¹	Oct 1 ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	189,625	110,128	63,091	42,347	833,074	730,349	651,776	606,453
1965	154,259	98,010	61,565	47,442	797,589	669,893	595,677	518,093
1966	212,919	133,589	71,353	50,614	765,142	590,556	461,521	340,587
1967	234,170	133,178	81,981	44,414	586,872	393,312	253,553	199,486
1968	212,743	141,921	90,536	58,063	519,341	374,907	277,408	230,948
1969	217,904	127,380	81,996	51,913	523,364	413,366	302,491	235,040
1970	184,644	117,505	67,649	38,726	503,506	385,895	278,918	205,235
1971	151,511	87,822	35,555	13,332	459,066	268,081	141,300	77,140
1972	243,431	142,402	66,585	30,514	463,528	336,362	208,488	111,231
1973	217,572	94,724	45,338	13,658	401,830	267,714	153,996	59,003
1974	217,090	113,602	54,576	18,086	426,818	266,742	123,533	43,145
1975	121,041	63,193	29,778	7,849	257,843	145,278	65,307	27,188
1976	163,935	83,728	49,622	13,927	309,600	164,221	135,182	37,486
1977	160,875	88,362	61,327	21,644	331,631	208,250	104,090	69,646
1978	220,851	140,863	109,325	56,366	398,245	273,525	210,749	134,477
1979 ⁴	239,644	142,636	.....	.....	401,484	276,344	.....	.....

¹ Beginning 1976, estimates are for June 1.² Old crop only.³ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 67.—Sorghum: Supply and disappearance, United States, 1964–78

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ¹	Government ²	Total
					Feed	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	649	490	...	1,139	412	13	425	148	573	63	503	566
1965	566	673	...	1,239	569	13	582	266	848	161	230	391
1966	391	715	...	1,106	601	13	614	248	862	51	193	244
1967	244	755	...	999	531	13	544	166	710	97	192	289
1968	289	731	...	1,020	614	13	627	106	733	89	198	287
1969	287	730	...	1,017	638	9	647	126	773	88	156	244
1970	244	683	...	927	683	10	693	144	837	27	63	90
1971	90	868	...	958	684	9	693	123	816	103	39	142
1972	142	801	...	943	652	6	658	212	870	68	5	73
1973	73	923	...	996	694	7	701	234	935	61	0	61
1974	61	623	...	684	431	6	437	212	649	35	0	35
1975	35	753	...	788	502	6	508	229	737	51	0	51
1976	51	720	...	771	428	6	434	246	680	91	0	91
1977 ³	91	793	...	884	473	7	480	213	693	182	9	191
1978 ³	191	748	...	939	.....	.....	.....	.....	.....	.....	.....	.....

¹ Includes total Government loans (original and resale).² Uncommitted Government only.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 68.—Sorghum: Area, yield, and production, by States, 1976–78

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala	65	75	65	31	27	34	35.0	27.0	37.0	1,085	729	1,258
Ariz	100	100	80	91	90	73	73.0	80.0	78.0	6,643	7,200	5,694
Ark	340	285	230	310	252	200	50.0	52.0	60.0	15,500	13,104	12,000
Calif	235	150	210	210	132	185	71.0	73.0	71.0	14,910	9,636	13,135
Colo	505	460	490	259	263	300	28.0	31.0	31.0	7,252	8,153	9,300
Ga	85	75	85	45	24	43	43.0	28.0	29.0	1,935	672	1,247
Ill	85	80	80	67	64	68	59.0	64.0	68.0	3,953	4,096	4,624
Ind	30	23	25	21	15	15	67.0	78.0	65.0	1,407	1,170	975
Iowa	42	45	36	26	32	24	65.0	74.0	75.0	1,690	2,368	1,800
Kans	4,700	4,850	4,700	3,950	4,050	4,020	43.0	60.0	52.0	169,850	243,000	209,040
Ky	49	50	37	29	32	23	60.0	57.0	62.0	1,740	1,824	1,426
La	45	35	30	28	20	17	35.0	33.0	34.0	980	660	578
Miss	71	60	65	41	24	21	37.0	32.0	38.0	1,517	768	798
Mo	740	1,050	930	660	930	850	60.0	73.0	80.0	39,600	67,890	68,000
Nebr	2,300	2,300	2,000	2,100	2,070	1,830	57.0	71.0	75.0	119,700	146,970	137,250
N.Mex	272	297	336	199	245	267	60.0	48.0	46.0	11,940	11,760	12,282
N.C	125	110	125	90	72	86	51.0	37.0	52.0	4,590	2,664	4,472
Okla	820	765	700	565	565	485	30.0	38.0	36.0	16,950	21,470	17,460
S.C	30	29	29	15	12	15	34.0	16.0	32.0	510	192	480
S.Dak	395	490	460	152	343	340	23.0	49.0	50.0	3,496	16,807	17,000
Tenn	45	40	45	23	20	24	52.0	51.0	51.0	1,196	1,020	1,224
Tex	7,300	5,600	5,700	5,800	4,800	4,650	50.5	48.0	49.0	292,900	230,400	227,850
Va	23	24	25	11	10	11	43.0	43.0	47.0	473	430	517
U.S	18,402	16,993	16,483	14,723	14,092	13,581	48.9	56.3	55.1	719,817	792,983	748,410

¹ Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 69.—Sorghum: Utilization for silage and forage, by States, 1976–78

State	Silage									Forage area harvested		
	Area harvested			Yield per acre			Production					
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
Ala	18	15	18	11.5	10.5	10.0	207	158	180	11	18	10
Ariz	5	6	5	16.5	17.0	17.0	83	102	85	2	2	1
Ark	13	17	12	9.5	10.5	10.5	124	179	126	10	11	13
Calif	11	7	12	17.0	17.5	17.0	187	123	204	10	10	8
Colo	21	21	19	11.0	7.0	11.0	231	147	209	165	146	131
Ga	30	18	29	12.0	7.0	12.5	360	126	363	8	11	8
Ill	10	11	7	11.5	12.5	11.5	115	138	81	7	5	5
Ind	8	6	7	12.5	12.0	13.0	100	72	91	...	...	...
Iowa	13	11	9	11.0	13.0	14.0	143	143	126	2	1	2
Kans	290	300	230	8.6	12.5	10.0	2,494	3,750	2,300	340	430	355
Ky	13	11	8	12.5	12.5	12.0	163	138	96	5	5	4
La	11	9	9	10.0	11.0	10.0	110	99	90	5	5	2
Miss	20	27	35	11.5	12.5	13.0	230	338	455	9	4	8
Mo	30	44	33	9.5	11.0	11.5	285	484	380	35	56	39
Nebr	80	90	70	7.5	11.5	13.0	600	1,035	910	60	70	50
N. Mex	5	8	4	11.0	12.0	13.0	55	96	52	41	37	47
N.C	25	22	24	11.5	8.0	13.5	288	176	324	7	12	13
Okla	41	34	45	8.0	11.0	9.0	328	374	405	139	121	115
S.C	12	11	11	9.0	6.5	9.5	108	72	105	2	3	2
S. Dak	45	56	55	3.0	8.0	7.5	135	448	413	115	74	55
Tenn	12	8	11	11.0	10.0	10.5	132	80	116	8	10	8
Tex	50	100	50	12.0	8.0	10.5	600	800	525	900	600	700
Va	9	10	11	10.0	9.0	11.0	90	90	121	2	2	2
U.S	772	842	714	9.3	10.9	10.9	7,168	9,168	7,757	1,883	1,633	1,578

¹ Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 70.—Sorghum grain: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	1,258	956	302	2.24	2,818	676
Ariz	5,694	683	5,011	2.63	14,975	13,179
Ark	12,000	2,040	9,960	1.76	21,120	17,530
Calif	13,135	1,313	11,822	2.46	32,312	29,082
Colo	9,300	2,325	6,975	1.76	16,368	12,276
Ga	1,247	923	324	1.82	2,270	590
Ill	4,624	2,497	2,127	1.79	8,277	3,807
Ind	975	458	517	1.79	1,745	925
Iowa	1,800	1,008	792	1.79	3,222	1,418
Kans	209,040	73,164	135,876	1.88	392,995	255,447
Ky	1,426	827	599	1.82	2,595	1,090
La	578	260	318	2.02	1,168	642
Miss	798	295	503	2.16	1,724	1,086
Mo	68,000	29,240	38,760	1.79	121,720	69,380
Nebr	137,250	34,312	102,938	1.76	241,560	181,171
N.Mex	12,282	2,211	10,071	2.21	27,143	22,257
N.C	4,472	2,057	2,415	1.93	8,631	4,661
Okla	17,460	5,238	12,222	2.02	35,269	24,688
S.C	480	384	96	1.96	941	188
S.Dak	17,000	7,990	9,010	1.51	25,670	13,605
Tenn	1,224	955	269	2.21	2,705	594
Tex	227,850	59,241	168,609	2.10	478,485	354,079
Va	517	460	57	1.82	941	104
U.S	748,410	228,837	519,573	1.94	1,444,654	1,008,475

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 71.—Sorghum grain: Price-support operations, United States, 1964–79

Year beginning October	Support price		Put under support ³		Acquired by CCC under support program ⁴	Owned by CCC Sept. 30
	Per cwt. ¹	Percentage of parity ²	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Million cwt.</i>
1964	2.00	82	46.4	16.9	42.0	302.1
1965	2.00	81	59.4	15.8	47.8	184.0
1966	2.05	80	15.5	3.9	2	108.2
1967	2.14	83	36.6	8.6	5.6	107.8
1968	2.14	80	41.3	10.1	7.8	⁵ 110.6
1969	2.14	76	23.2	5.7	2.0	⁵ 87.6
1970	2.14	73	17.1	4.5	3.8	⁵ 35.1
1971	2.21	71	86.5	17.6	1.0	⁵ 21.9
1972	2.39	71	16.7	3.7	.....	⁵ 2.7
1973	2.61	66	10.4	2.0	.....	.....
1974	2.34	50	2.2	.6	.....	.....
1975	2.34	45	4.9	1.2	.....	.....
1976	2.66	48	11.9	1.7	.....	.....
1977	2.89	71	121.7	15.3	13.0	13.0
1978	4.07	66	⁶ 50.0	⁶ 6.3	27.0	40.0
1979	⁶ 4.11	.....	.....	.....	.....	.....

¹Includes price-support payments per hundredweight of 23 cents in 1964, 35 cents in 1965, 53 cents from 1966 to 1970, and a guarantee of 52 cents in 1971, 68 cents in 1972, and 54 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.88; for 1976, \$2.55; and, for 1977–79, \$3.39 on entire production. For 1974 to 1978, the target level is a price guarantee on allotment production at levels indicated under support price.

²Percentage of parity price as of the beginning of the marketing year.

³Represents loans made, purchases, and purchase agreements entered into.

⁴Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

⁵Uncommitted CCC inventory.

⁶Preliminary.

Agricultural Stabilization and Conservation Service.

Table 72.— Sorghumgrain: United States exports by country of destination, 1976–1977¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1976	1977		1976	1977
	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>
Western Hemisphere:			Asia:		
Canada	57	64	India		
Mexico	26,856	18,423	Israel	29,214	24,956
Other countries	22,362	15,407	Japan	93,462	96,051
			Other countries	1,601	5,432
Total Americas	49,275	33,894	Total Asia and Oceania ..	124,277	126,439
Europe:			Africa:		
Belgium and Luxembourg ..	12,908	3,427	Senegal	676	2,384
Germany, Fed. Rep. of	6	10	South Africa	10	2
Netherlands	6,239	264	Other Countries	1,029	1,831
Norway	7,542	4,988			
Poland	3,647	15,090	Total Africa	1715	4,217
Other countries	40,498	25,161			
Total Europe	70,840	48,940	World total	246,107	213,490

¹ Year beginning Oct. 1.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 73.— Feed grains: United States exports under specified Government programs, 1964–77

Year ¹	Public Law 480					Mutual security (AID) ⁷	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency ²	Long-term dollar and convertible foreign currency credit sales ³	Government-to-government and World Food Program ⁴	Voluntary relief agencies ⁵	Barter for strategic materials ⁶		
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
1964	521	340	135	16	23	11	1,046
1965	1,440	364	160	12	34	8	2,018
1966	2,941	234	278	41	9	5	3,508
1967	1,105	490	95	15	.....	1	1,706
1968	46	676	51	14	.....	1	788
1969	91	978	125	4	.....	.....	1,198
1970	79	784	301	1	.....	.....	1,165
1971	90	1,123	174	.....	.....	.....	1,387
1972	9	1,275	177	1	.....	.....	1,462
1973 .....	.....	379	452	14	.....	115	960
1974 .....	.....	14	142	2	.....	.....	158
1975 .....	.....	.....	56	6	.....	148	210
(⁸) .....	.....	(35)	(11)	(1)	.....	(610)	(657)
1976 .....	.....	480	46	3	.....	1,306	1,834
1977 .....	.....	412	161	.....	.....	1,440	2,013

¹ Year beginning July 1 for 1964–75 and Oct. 1 starting in 1976.² Authorized by Title I, P.L. 480.³ Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89–808.⁴ Authorized by Title II, P.L. 480.⁵ Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89–808, effective Jan. 1, 1967.⁶ Authorized by Sec. 303, Title III, P.L. 480, and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963.⁷ Foreign Assistance Act of 1961, as amended.⁸ Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service—Economics.

Table 74. — Commercial feeds: Disappearance for feed, United States, 1964–77

Year beginning October	Oilseed cake and meal						Animal protein			
	Soy- bean	Cotton- seed	Linseed	Peanut	Copra	Total	Tankage and meat meal	Fish meal	Dried milk ¹	Total
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	9,236	2,680	306	99	101	12,422	1,932	625	236	2,793
1965	10,274	2,563	284	108	109	13,338	1,960	627	275	2,862
1966	10,820	1,755	248	115	90	13,028	2,068	827	255	3,150
1967	10,753	1,462	183	133	119	12,650	2,059	1,083	250	3,392
1968	11,525	2,086	197	135	111	14,054	2,021	835	235	3,091
1969	13,582	1,794	182	122	83	15,763	2,014	567	230	2,811
1970	13,467	1,693	258	173	99	15,690	2,039	609	260	2,908
1971	13,173	1,885	264	174	100	15,596	1,889	752	330	2,971
1972	11,972	2,225	212	180	100	14,698	1,739	462	330	2,531
1973	13,854	2,096	184	130	....	16,264	1,854	350	315	2,519
1974	12,552	1,846	95	151	....	14,644	1,981	444	150	2,575
1975	15,613	1,266	87	313	....	17,279	2,001	508	162	2,671
1976	14,056	1,556	129	203	....	15,944	2,200	414	160	2,774
1977 ²	16,277	1,962	87	101	....	18,427	2,320	408	196	2,924

Year beginning October	Mill products ³								Total commercial feeds
	Wheat mill- feeds	Gluten feed and meal ⁴	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp ⁵	Alfalfa meal	Total	
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	4,716	1,165	395	295	409	1,289	1,586	9,885	25,070
1965	4,612	1,135	395	304	426	1,153	1,652	9,677	25,877
1966	4,499	1,193	451	324	425	1,129	1,599	9,620	25,798
1967	4,490	1,053	476	336	447	1,130	1,550	9,482	25,524
1968	4,469	963	494	333	437	1,523	1,662	9,881	27,026
1969	4,633	1,000	490	361	428	1,675	1,545	10,132	28,706
1970	4,499	1,236	436	361	382	1,509	1,584	10,007	28,605
1971	4,364	1,067	479	369	404	1,570	1,568	9,821	28,388
1972	4,397	1,262	446	361	428	1,566	1,799	10,237	27,457
1973	4,465	1,361	471	348	456	1,375	1,555	10,009	28,792
1974	4,693	1,502	576	346	339	1,325	1,557	10,311	27,530
1975	4,933	1,477	547	321	400	1,860	1,569	11,103	31,053
1976	4,797	1,038	602	297	374	1,760	1,202	10,070	28,788
1977 ²	4,970	1,223	552	282	403	1,500	1,497	10,427	31,778

¹ Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years.

² Preliminary.

³ Other mill products that are not listed include screenings, hominy, and oats feeds, etc., for which no statistics are available.

⁴ Adjusted for export data.

⁵ Does not include wet sugarbeet pulp.

Economics, Statistics, and Cooperatives Service — Economics.

Table 75.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1964–78

Year beginning October	Quantity for feeding ¹						High- protein animal units	Quantity per animal unit	High- protein feed prices
	Oilseed meal			Animal protein	Grain protein (³)	Total			
	Soybean meal	Other oilseed meals ²	Total						
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Million units</i>	<i>Pounds</i>	<i>Index numbers 1967 = 100</i>
1964	9,236	2,568	11,804	3,557	1,181	16,542	98.8	335	92
1965	⁴ 10,274	⁴ 2,415	12,689	3,577	1,238	17,504	100.0	350	105
1966	10,820	1,741	12,561	3,950	1,074	17,585	103.4	340	103
1967	10,753	1,487	12,240	4,290	1,006	17,536	102.9	341	99
1968	11,525	1,995	13,520	3,868	946	18,334	104.1	352	96
1969	13,582	1,729	15,311	3,444	976	19,731	105.2	375	105
1970	13,467	1,760	15,227	3,539	1,095	19,861	107.6	369	105
1971	13,173	1,920	15,093	3,616	1,008	19,717	107.2	368	117
1972	11,972	2,159	14,131	3,059	1,134	18,324	105.5	347	272
1973	13,854	1,945	15,799	3,012	1,202	20,013	104.1	384	197
1974	12,552	1,698	14,250	3,058	1,129	18,437	96.6	381	171
1975	15,613	1,391	17,004	3,185	1,231	21,420	101.3	425	193
1976	14,056	1,517	15,573	3,254	1,102	19,929	103.2	387	252
1977 ⁵	16,277	1,735	18,012	3,412	1,064	22,488	104.8	429	213
1978 ⁵	17,400	1,505	18,905	3,445	992	23,342	109.0	428	.....

¹In terms of 44 percent protein soybean meal equivalent.²Includes cottonseed, linseed, and peanut meal.³Beginning 1966, adjusted for exports of corn gluten feed and meal.⁴Beginning 1965, includes 30,000 tons previously excluded for industrial uses and for fertilizer.⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 76.—Feed concentrates fed to livestock and poultry, 1964–78

Year beginning October	Feed grains				Wheat	Rye	By- product feeds ¹	Total concen- trates	Grain- con- suming animal units	Concen- trates fed per grain- consuming animal unit
	Corn	Sorghum	Oats and barley	Total						
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Millions</i>	<i>Tons</i>
1964	82.8	11.5	17.3	111.6	3.2	0.3	30.2	145.3	74.3	1.96
1965	94.1	15.9	16.8	126.8	3.3	.3	31.1	161.5	74.4	2.17
1966	93.2	16.8	17.0	127.0	3.6	.3	31.2	162.1	77.2	2.10
1967	98.2	14.9	15.8	128.9	4.3	.3	31.1	164.6	77.1	2.13
1968	100.2	17.2	18.1	135.5	5.2	.3	32.9	173.9	78.4	2.22
1969	106.3	17.9	18.2	142.4	6.7	.3	34.7	184.1	78.5	2.35
1970	100.3	19.1	18.9	138.3	7.2	.4	34.5	180.1	80.0	2.25
1971	111.4	19.4	18.3	149.1	8.5	.5	34.0	192.1	80.2	2.40
1972	120.7	18.5	16.1	155.3	5.0	.5	33.3	194.1	79.4	2.44
1973	117.7	19.4	15.1	152.2	1.7	.3	34.4	188.6	78.5	2.40
1974	90.3	12.1	13.6	116.0	1.9	.2	32.5	150.6	69.8	1.96
1975	100.6	14.1	12.8	127.5	1.6	.2	36.7	166.0	74.6	2.02
1976	100.4	12.0	11.5	123.9	7.5	.1	34.3	165.8	75.9	1.98
1977 ²	103.8	13.2	12.6	129.6	5.5	.2	37.4	172.7	77.9	2.01
1978 ²	112.0	14.4	13.0	139.4	4.5	.2	38.6	182.7	80.0	2.06

¹Oilseed meals, animal protein feeds, and mill byproducts.²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 77.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1964–76

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 ¹	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced ²	Per head	Per 100 pounds produced ³
	Per head	Per 100 pounds milk pro- duced							
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1964	8,665	118	4,387	6,437	3,608	3,949	1,073	976	1,969
1965	9,270	122	4,433	7,049	3,533	3,975	1,074	947	1,887
1966	9,434	120	4,643	7,149	3,542	4,004	1,064	947	1,925
1967	9,876	121	4,558	7,653	3,611	4,143	1,087	974	1,958
1968	10,092	120	4,602	8,068	3,591	4,227	1,107	974	1,906
1969	10,524	109	4,742	8,611	3,566	4,261	1,107	915	1,713
1970	10,600	107	4,657	9,155	3,494	4,230	1,107	943	1,731
1971	11,370	112	5,859	9,198	3,637	4,391	1,147	1,008	1,848
1972	11,250	112	4,907	8,811	3,718	4,398	1,175	1,031	1,993
1973	11,570	113	5,774	7,708	5,303	5,595	1,539	2,021	1,744
1974	11,543	112	5,571	5,584	5,178	5,480	1,468	1,856	2,332
1975	11,540	109	6,303	7,593	5,247	6,031	2,183	1,260	2,386
1976	11,809	108	6,405	6,516	5,344	5,871	1,899	1,840	2,114

Year beginning October	Poultry								Hogs per 100 pounds pro- duced	Horses and mules 2 years and over, per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head, Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds pro- duced	Per head	Per 100 pounds pro- duced		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1964	92	53	29	594	9.8	282	102	566	610	5,139
1965	93	52	31	627	10.6	302	103	564	603	5,037
1966	93	55	30	619	10.8	305	100	539	602	5,040
1967	94	55	30	637	10.4	292	99	522	593	5,115
1968	96	56	31	630	9.8	273	99	523	596	4,904
1969	97	57	31	646	9.2	254	98	519	587	4,880
1970	96	57	31	646	9.4	257	96	510	572	4,880
1971	99	57	32	675	9.3	248	96	510	594	4,880
1972	99	57	32	672	9.1	245	95	511	640	4,867
1973	100	59	32	663	9.7	257	94	509	660	3,607
1974	100	57	26	540	10.1	268	82	453	530	3,592
1975	101	56	26	540	7.7	228	71	435	566	3,547
1976	105	58	25	542	8.7	236	70	371	584	3,678

¹Feed consumed by all cattle divided by the number on feed Jan. 1.²Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.³About 19 pounds of wool were produced with each 100 pounds live-weight production.

Economics, Statistics, and Cooperatives Service—Economics.

Table 78.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1964–78

Year beginning October	Concen- trates ¹	Harvested roughage	Pasture	Total	Year beginning October	Concen- trates ¹	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>		<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>
1964	154	71	154	379	1972	189	74	241	504
1965	160	76	249	485	1973	192	77	244	513
1966	151	76	248	475	1974	151	85	268	504
1967	161	77	242	480	1975	173	96	243	512
1968	169	78	233	480	1976	179	100	228	507
1969	182	74	227	483	1977 ²	183	89	214	486
1970	178	74	238	490	1978 ³	189	94	201	484
1971	184	74	238	496					

¹ Data prior to 1965 not comparable.

² Preliminary.

³ Estimated.

Economics, Statistics, and Cooperatives Service—Economics.

Table 79.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1964–78¹

Year beginning October	Grain- consuming ²	Roughage- consuming ³	Grain and roughage- consuming ⁴	Year beginning October	Grain- consuming ²	Roughage- consuming ³	Grain and roughage- consuming ⁴
	<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>
1964	74,306	89,815	83,070	1972	79,443	93,248	87,982
1965	74,387	88,892	83,352	1973	78,447	99,462	91,429
1966	77,196	88,202	84,022	1974	69,766	87,607	87,520
1967	77,125	88,122	83,941	1975	75,015	98,610	89,098
1968	78,443	87,532	84,071	1976	76,197	95,313	87,521
1969	78,458	87,964	84,347	1977	78,346	90,459	85,351
1970	79,990	89,875	86,129	1978 ⁵	77,941	89,876	84,848
1971	80,188	91,073	86,935				

¹ Index series based on average feeding rates for years 1969–71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by ESCS, USDA.

² Livestock and poultry numbers weighted by all concentrates consumed.

³ Livestock and poultry numbers weighted by all roughage (including pasture) consumed.

⁴ Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.

⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 80.—Feed grains: Average price, selected markets and grades, 1964–77

Crop year ¹	Kansas City				Minneapolis				St. Louis: Corn, No. 2 Yellow
	Corn, No. 2 Yellow	Corn No. 3 White	Barley, No. 3	Sorghum, No. 2 Yellow	Corn, No. 3 Yellow	Barley, No. 3	Barley, No. 2 Malting	Oats, No. 2 White	
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1964	1.297	1.55	1.062	2.08	1.20	1.196	1.268	0.660	1.34
1965	1.305	1.37	1.132	1.97	1.22	1.316	1.321	.864	1.37
1966	1.365	1.49	1.146	2.09	1.29	1.328	1.348	.725	1.41
1967	1.215	1.21	1.077	1.99	1.08	1.226	1.236	.702	1.16
1968	1.239	1.63	.952	2.00	1.14	1.157	1.153	.641	1.23
1969	1.333	1.75	.922	2.10	1.16	1.082	1.085	.632	1.33
1970	1.451	2.01	1.104	2.42	1.34	1.215	1.231	.709	1.45
1971	1.237	1.23	1.072	2.06	1.13	1.158	1.161	.675	1.21
1972	2.062	2.30	1.356	3.81	1.86	1.478	1.500	.845	1.89
1973	2.915	3.22	(²)	4.95	2.75	2.806	2.844	1.389	2.87
1974	3.200	4.69	(²)	5.41	3.21	3.842	4.063	1.739	3.07
1975	2.775	2.92	(²)	4.46	2.62	3.167	3.296	1.677	2.70
1976	2.387	2.96	(²)	3.49	2.13	2.948	2.981	1.729	2.25
1977	2.352	3.66	(²)	3.91	2.06	2.247	2.232	1.255	2.23

Crop year ¹	Omaha: Corn, No. 2 Yellow	Chicago			Ft. Worth: ³ Sorghum, No. 2 Yellow	Los Angeles			Winnipeg: Barley, No. 3 Western
		Corn, No. 3 Yellow	Barley, feed	Oats, No. 2 White		Corn, No. 2 Yellow	Barley, No. 2 Western ⁴	Sorghum, No. 2 Yellow	
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>
1964	1.26	1.26	1.016	0.72	2.39	1.646	1.310	2.58	1.170
1965	1.29	1.27	1.143	.75	2.27	1.618	1.344	2.45	1.201
1966	1.30	1.36	1.171	.77	2.40	1.602	1.339	2.56	1.251
1967	1.14	1.12	1.007	.76	2.27	1.501	1.210	2.45	1.132
1968	1.20	1.17	.779	.64	2.31	1.562	1.320	2.53	1.016
1969	1.28	1.25	.833	.62	2.42	1.618	1.282	2.64	.963
1970	1.44	1.44	1.050	.75	2.73	1.792	1.421	2.99	1.199
1971	1.22	1.18	.963	.70	2.51	1.708	1.488	2.82	1.046
1972	1.54	1.82	1.108	.89	3.75	2.391	1.762	4.16	1.515
1973	3.22	2.86	1.852	1.38	5.13	3.430	2.788	5.64	2.615
1974	3.69	3.23	1.980	1.68	5.62	3.660	3.129	6.12	3.225
1975	2.66	2.69	.690	(²)	5.62	3.340	2.845	5.63	3.150
1976	2.15	2.45	(²)	(²)	3.66	2.860	2.610	4.68	2.660
1977	2.08	2.26	(²)	(²)	3.88	2.760	2.350	4.82	2.540

¹ Crop year begins October for corn and sorghum, August for barley, and July for oats.² No sales reported.³ Change to Texas High Plains September 1976.⁴ Bulk basis.

Economics, Statistics, and Cooperatives Service—Economics. Prices of corn and oats at Kansas City and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and sorghum at Kansas City and of barley at Chicago and Minneapolis are the average of prices at the close of each day. Prices at Los Angeles are the average of prices on one day each week.

Table 81.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1964–77

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish meal	Wheat bran
	44% protein	49-50% protein	41% protein	41% protein	34% protein	20% protein	45% protein	50% protein	60% protein	60% protein	
	Decatur	Decatur	Fort Worth	Mem- phis	Minne- apolis	Los Angeles	S.E. mills	Chicago	Chicago	Los Angeles	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	70.20	79.20	63.20	59.80	61.90	77.10	67.70	83.90	87.70	140.60	37.70
1965	81.50	89.60	73.40	72.40	74.50	84.80	79.50	105.30	111.00	152.20	39.80
1966	78.80	86.30	81.30	77.50	74.40	80.80	82.50	94.00	98.10	129.00	45.70
1967	76.90	84.30	77.50	77.40	76.50	82.80	81.10	88.80	92.50	117.10	39.70
1968	74.10	82.50	67.60	65.20	78.40	76.70	80.00	91.60	94.90	132.20	40.20
1969	78.40	86.60	79.40	71.40	78.30	77.70	80.40	107.00	109.50	175.50	42.50
1970	78.50	84.30	81.60	72.30	62.60	80.00	77.70	95.60	99.60	145.50	45.00
1971	90.20	98.20	83.40	75.60	72.50	80.00	85.50	111.25	112.50	145.20	41.90
1972	229.00	253.40	165.70	161.20	159.20	.....	.....	252.90	269.40	333.50	70.40
1973	146.40	160.60	138.90	130.70	128.00	.....	.....	187.90	202.40	339.10	90.80
1974	130.90	141.25	127.60	119.00	126.70	.....	129.30	149.30	159.90	245.60	86.60
1975	147.80	157.70	152.90	145.00	134.60	.....	150.90	174.10	184.10	247.90	88.60
1976	199.80	218.70	179.50	173.60	156.90	.....	207.40	220.70	230.90	.....	81.80
1977	164.20	179.40	147.20	139.70	137.75	.....	164.40	198.40	208.50	.....	70.00

Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed 21% protein	Hominy feed	Distil- lers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses	Index numbers Jan.- Dec. 1967 = 100 ¹
								Dehy- drated, 17% protein	Sun- cured		
	Minne- apolis	Kansas City	Port- land	Chicago	Chicago	Cincin- nati	Mil- waukee	Kansas City	Kansas City	New Orleans	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1964	39.10	39.40	44.60	43.00	44.60	60.20	42.10	40.30	37.60	14.92	90.7
1965	41.90	42.00	47.70	47.40	44.20	59.90	46.00	49.70	40.00	19.90	103.6
1966	45.30	46.00	46.00	50.10	46.00	64.50	50.70	53.40	43.90	29.29	103.2
1967	39.80	39.70	41.80	44.90	39.00	52.70	45.90	39.10	37.20	25.60	97.3
1968	39.90	40.20	41.60	43.70	41.10	55.30	45.00	42.40	38.30	20.20	95.1
1969	42.30	42.50	42.60	47.80	43.20	57.90	48.90	45.30	40.00	24.80	103.7
1970	43.90	45.00	49.80	49.50	45.70	64.40	51.50	48.10	44.80	25.10	110.9
1971	40.40	41.90	46.90	47.10	39.20	61.30	51.10	48.40	45.10	26.10	112.7
1972	68.50	70.40	75.70	75.20	60.90	102.00	87.25	77.60	63.30	48.30	246.6
1973	88.30	90.80	107.00	90.20	92.50	114.30	99.30	91.40	79.40	68.70	197.7
1974	84.00	85.60	107.30	88.20	90.50	117.00	90.75	81.00	73.70	51.50	174.6
1975	86.20	89.00	103.00	93.80	85.40	112.40	97.60	101.70	91.10	48.60	193.1
1976	82.40	81.80	90.40	107.25	74.30	132.40	112.75	95.40	84.30	44.80	238.1
1977	64.80	70.00	84.80	91.30	70.20	121.20	89.90	76.00	67.50	42.70	201.7

¹Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean, cottonseed, linseed, and peanut meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service.

CHAPTER II

STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, and sugar, this chapter includes tables on fibers other than cotton, and sirups, honey, and beeswax. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

Table 82.—Cotton: Area, yield, production, and value, United States, 1964–78

Year	Area		Yield per harvested acre	Production	Season average price per pound received by farmers ¹	Value of production
	Planted	Harvested				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bales ²</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	14,835.6	14,054.6	517	15,144.9	31.07	2,258,491
1965	14,152.3	13,612.7	527	14,937.9	29.37	2,106,088
1966	10,349.4	9,552.6	480	9,556.8	21.75	997,467
1967	9,449.6	7,997.3	447	7,443.4	26.70	953,820
1968	10,912.9	10,159.3	516	10,925.7	23.11	1,212,021
1969	11,882.5	11,051.1	434	9,990.2	22.00	1,054,981
1970	11,945.2	11,155.0	438	10,192.1	21.98	1,121,622
1971	12,354.9	11,470.9	438	10,477.0	28.23	1,419,624
1972	14,001.3	12,983.8	507	13,704.1	27.3	1,798,960
1973	12,479.7	11,970.2	520	12,974.0	44.6	2,779,504
1974	13,679.4	12,546.6	442	11,540.1	42.9	2,374,064
1975	9,492.6	8,796.0	453	8,301.6	51.3	2,043,678
1976	11,655.5	10,913.5	465	10,580.6	64.1	3,254,954
1977	13,694.5	13,275.3	520	14,389.2	52.3	3,614,938
1978 ³	13,360.1	12,370.0	421	10,855.8	⁴ 58.8	3,063,821

¹ Net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.

² 480-pound net weight bales.

³ Preliminary.

⁴ Average price to Apr. 1, 1979, with no allowance for unredeemed loans.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Production figures conform with The Bureau of the Census annual ginning enumerations.

Table 83.—Cotton: Area, yield, and production, by States, 1976–78

State	Area planted			Area harvested			Yield per harvested acre			Production ²		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>
Upland:												
Ala . . .	460.0	420.0	330.0	420.0	395.0	315.0	399	337	443	349.0	277.0	291.0
Ariz . . .	341.0	517.0	540.0	340.0	515.0	538.0	1,178	997	953	834.0	1,070.0	1,068.0
Ark . . .	1,125.0	950.0	810.0	950.0	930.0	760.0	392	534	417	776.0	1,035.0	660.0
Calif . . .	1,130.0	1,400.0	1,480.0	1,120.0	1,390.0	1,455.0	1,064	964	640	2,482.0	2,790.0	1,940.0
Fla . . .	7.4	6.2	3.8	7.1	6.1	3.6	514	425	506	7.6	5.4	3.8
Ga . . .	255.0	230.0	120.0	240.0	170.0	115.0	398	232	463	199.0	82.0	111.0
Ky . . .	1.8	.9	.3	1.3	.8	.0	258	420	0	.7	.7	.0
La . . .	570.0	545.0	515.0	560.0	540.0	510.0	474	583	450	553.0	656.0	478.0
Miss . . .	1,530.0	1,380.0	1,180.0	1,470.0	1,360.0	1,150.0	376	581	575	1,151.0	1,645.0	1,378.0
Mo . . .	305.0	270.0	210.0	260.0	258.0	182.0	305	437	496	165.0	235.0	188.0
Nev . . .	1.1	1.3	1.3	1.1	1.3	1.3	738	598	542	1.7	1.6	1.5
N. Mex . .	68.0	131.0	137.0	64.0	128.0	109.0	523	603	443	70.0	161.0	101.0
N.C . . .	75.0	87.0	45.0	71.0	83.0	42.0	489	305	515	72.0	53.0	45.0
Okla . . .	350.0	535.0	605.0	335.0	520.0	585.0	251	402	292	175.0	436.0	355.0
S.C . . .	170.0	170.0	105.0	159.0	153.0	98.0	438	342	562	145.0	109.0	115.0
Tenn . . .	420.0	325.0	250.0	370.0	300.0	230.0	295	407	490	228.0	255.0	235.0
Tex . . .	4,800.0	6,650.0	6,950.0	4,500.0	6,450.0	6,200.0	353	407	294	3,307.0	5,465.0	3,792.0
Va . . .	.7	1.0	.2	.6	.7	.1	480	194	480	.6	.3	.1
U.S . .	11,610.0	13,619.4	13,282.6	10,869.1	13,200.9	12,294.0	464	519	420	10,516.6	14,277.0	10,762.4
American-Pima:												
Ariz . . .	30.3	42.4	34.3	30.0	42.3	34.2	804	738	754	50.3	65.0	53.7
Calif . . .	.1	.3	.1	.1	.3	.1	640	269	480	.1	.2	.1
N. Mex . .	6.5	9.4	14.1	6.3	9.3	13.7	476	621	454	6.2	12.0	13.0
Tex . . .	8.6	23.0	29.0	8.0	22.5	28.0	444	747	456	7.4	35.0	26.6
U.S . .	45.5	75.1	77.5	44.4	74.4	76.0	692	724	590	64.0	112.2	93.4
U.S., all	11,655.5	13,694.5	13,360.1	10,913.5	13,275.3	12,370.0	465	520	421	10,580.6	14,389.2	10,855.8

¹ Preliminary.² Equivalent 480-pound net weight bales ginned.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 84.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States 1971–78

State	Crop of—							
	1971	1972	1973	1974	1975	1976	1977	1978
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Ala	48	33	83	11	4	70	9	15
Ariz	19	29	75	40	23	77	45	35
Ark	73	74	90	30	17	86	18	38
Calif	28	25	80	55	34	65	29	62
Ga	6	6	64	4	1	33	1	(1)
La	26	47	84	21	2	72	6	29
Miss	69	72	87	37	17	70	30	48
Mo	75	63	89	36	12	84	23	46
N. Mex	8	2	69	13	(1)	68	17	13
N.C	4	8	66	8	4	42	16	26
Okla	7	7	35	(1)	(1)	23	18	26
S.C	20	30	75	17	16	42	33	31
Tenn	20	44	84	17	1	65	2	17
Tex	39	13	69	7	1	26	18	9
U.S	43	36	75	21	10	50	20	25

¹ Less than 0.5 percent.

Agricultural Marketing Service.

Table 85.—Cotton: Production, season average price per pound, and value, by States, 1976–78

State	Production ¹			Price for crop of			Value of production		
	1976	1977	1978 ²	1976 ³	1977 ³	1978 ⁴	1976 ³	1977 ³	1978 ²
Upland:	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	349.0	277.0	291.0	66.0	48.4	60.5	110,563	64,353	84,506
Ariz	834.0	1,070.0	1,068.0	64.2	56.1	58.0	257,005	288,131	297,331
Ark	776.0	1,035.0	660.0	61.6	52.7	60.5	229,448	261,814	191,664
Calif	2,482.0	2,790.0	1,940.0	67.9	56.0	63.3	808,933	749,952	589,450
Fla	7.6	5.4	3.8	72.9	48.0	60.0	2,659	1,244	1,094
Ga	199.0	82.0	111.0	66.7	51.8	61.0	63,712	20,388	32,501
Ky . . . . .	.7	.7	0	63.5	49.0	..	213	165	0
La	553.0	656.0	478.0	63.7	51.5	60.2	169,085	162,163	138,123
Miss	1,151.0	1,645.0	1,378.0	61.5	52.5	60.2	339,775	414,540	398,187
Mo	165.0	235.0	188.0	59.2	53.4	60.6	46,886	60,235	54,685
Nev	1.7	1.6	1.5	70.0	57.0	60.0	571	438	432
N. Mex	70.0	161.0	101.0	70.0	54.0	61.0	23,520	41,731	29,573
N.C	72.0	53.0	45.0	74.0	50.5	65.4	25,574	12,847	14,126
Okla	175.0	436.0	355.0	61.1	46.6	53.9	51,324	97,524	91,846
S.C	145.0	109.0	115.0	66.4	54.1	63.3	46,214	28,305	34,942
Tenn	228.0	255.0	235.0	63.5	49.0	61.8	69,494	59,976	69,710
Tex	3,307.0	5,465.0	3,792.0	61.6	49.7	54.6	977,814	1,303,730	993,807
Va . . . . .	.6	.3	.1	72.0	43.0	64.0	207	62	31
U.S	10,516.6	14,277.0	10,762.4	63.8	52.1	58.5	3,222,997	3,567,597	3,022,008
American-Pima:									
Ariz	50.3	65.0	53.7	102.0	88.6	92.0	24,627	27,643	23,714
Calif . . . . .	.1	.2	.1	102.0	88.6	92.0	49	85	44
N. Mex	6.2	12.0	13.0	105.0	85.0	88.0	3,125	4,896	5,491
Tex	7.4	35.0	26.6	117.0	87.6	98.4	4,156	14,717	12,564
U.S	64.0	112.2	93.4	104.0	87.9	93.3	31,957	47,341	41,813
U.S., all	10,580.6	14,389.2	10,855.8	64.1	52.3	58.8	3,254,954	3,614,938	3,063,821

¹ Equivalent 480-pound net weight bales ginned.² Preliminary.³ Includes allowance for unredeemed loans.⁴ Average price to Apr. 1, 1979, with no allowance for unredeemed loans.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 86.—Cotton, American upland: Price-support operations, United States, 1964–78

Year beginning August	Support price ^{1 2}		Put under support ⁴		Acquired by CCC under support ⁵	Owned by CCC July 31
	Per pound	Percentage of parity ³	Quantity	Percentage of production		
	<i>Cents</i>	<i>Percent</i>	<i>1,000 bales⁶</i>	<i>Percent</i>	<i>1,000 bales⁶</i>	<i>1,000 bales⁶</i>
1964	32.80	80	7,288	48.5	4,824	6,557
1965	32.60	71	6,926	46.7	5,306	9,715
1966	29.63	73	3,094	32.6	1,415	6,677
1967	31.00	74	1,483	20.1	32	552
1968	31.93	..	4,415	40.7	2,775	24
1969	34.44	..	3,670	37.2	1,066	1,890
1970	36.95	..	2,386	23.7	10	262
1971	35.00	..	1,210	11.9	(?)	1
1972	35.85	65	1,910	14.5	(?)	0
1973	41.52	65	1,736	13.9	(?)	0
1974	⁸ 38.00	..	2,420	21.5	(?)	0
1975	⁸ 38.00	..	691	8.5	(?)	0
1976	⁸ 43.20	..	941	9.2	(?)	0
1977	⁸ 47.80	..	4,600	33.1	1	(?)
1978	⁸ 52.00	..	⁹ 1,600	15.3	⁹ 0	..

¹ Average of the crop from 1964 through 1970; Middling 1-inch, micronaire 3.5–4.9, net weight for 1971 and succeeding years.² Includes price-support payments as follows: To producers within domestic allotment, 3.50 cents per pound in 1964 and 4.35 cents in 1965; to program participants on projected production from farm's domestic allotment, 9.42 cents in 1966, 11.53 cents in 1967, 12.24 cents in 1968, 14.73 cents in 1969, and 16.80 cents in 1970; and, on production from area planted within the farm base area allotment, 15 cents in 1971, 1972, and 1973.³ Percentage of parity price as of the beginning of the marketing year.⁴ Includes loans made.⁵ Acquisitions from crop harvested in the year indicated and not acquisitions during that year.⁶ Running bales.⁷ Less than 500 bales.⁸ Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments have been made since the 1973 crop.⁹ Estimated.

Table 87.—Cotton: Area, yield, and production in specified countries, 1976–78¹

Continent and country	Area			Yield per acre			Production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>
North America:									
United States	10,914	13,274	12,367	465	520	421	10,581	14,389	10,841
El Salvador	210	250	259	741	701	621	324	365	335
Guatemala	263	306	311	1,113	1,018	1,080	610	649	700
Honduras	25	44	32	557	567	645	29	52	43
Mexico	608	961	875	793	808	828	1,005	1,617	1,510
Nicaragua	492	430	430	535	642	642	548	575	575
Total ⁴	12,584	15,365	14,357	501	553	470	13,122	17,701	14,044
South America:									
Argentina	1,280	1,527	1,656	276	332	246	735	1,056	850
Brazil	4,917	4,979	4,571	247	210	248	2,526	2,182	2,364
Colombia	803	979	408	409	315	427	684	642	363
Ecuador	57	49	49	396	470	470	47	48	48
Paraguay	544	749	988	304	250	248	344	390	510
Peru	353	272	319	445	612	527	327	347	350
Venezuela	115	146	198	371	302	373	89	92	154
Total ⁴	8,168	8,779	8,278	284	264	274	4,826	4,836	4,720
Europe:									
Greece	368	452	381	707	731	799	542	688	634
Italy	5	10	10	384	384	384	4	8	8
Spain	125	163	124	680	462	577	177	157	149
Bulgaria	64	37	37	353	519	519	47	40	40
Yugoslavia	12	10	10	360	240	240	9	5	5
Total ⁴	669	766	655	595	595	649	829	950	886
Soviet Union	7,290	7,364	7,507	791	828	793	12,010	12,710	12,400
Africa:									
Angola	150	148	148	160	162	162	50	50	50
Cameroon	148	198	185	272	158	156	84	65	60
Central African Empire	314	346	346	109	71	69	71	51	50
Chad	791	741	667	150	133	130	248	205	180
Zaire	341	282	247	77	71	72	55	42	37
Kenya	185	185	185	65	91	65	25	35	25
Malawi	100	99	99	168	121	121	35	25	25
Morocco	30	44	30	320	295	288	20	27	18
Mozambique	335	358	371	112	123	123	78	92	95
Nigeria	871	778	704	204	102	136	370	166	200
Southern Rhodesia	220	222	185	382	378	376	175	175	145
South Africa	153	198	210	499	579	533	159	239	233
Sudan	1,075	1,198	902	313	311	319	700	775	600
Tanzania	925	927	741	166	122	168	320	235	260
Uganda	1,000	939	865	48	38	39	100	75	70
Egypt	1,300	1,478	1,233	672	595	724	1,820	1,831	1,860
Total ⁴	9,343	9,678	8,646	264	242	262	5,135	4,881	4,712
Asia and Oceania:									
Afghanistan	200	198	198	672	606	606	280	250	250
Australia	83	101	124	740	965	844	128	203	218
Burma	398	405	445	58	71	70	48	60	65
China, Mainland	11,500	10,900	10,900	417	405	423	10,000	9,200	9,600
India	17,050	18,409	19,274	139	146	152	4,950	5,600	6,100
Iran	730	791	692	473	502	479	720	827	690
Iraq	160	161	161	210	209	209	70	70	70
Israel	105	138	173	1,125	1,023	1,027	246	294	370
Korea, Rep. of	17	12	12	282	360	360	10	9	9
Pakistan	4,608	4,554	4,695	200	268	225	1,921	2,539	2,200
Yemen (Aden)	40	40	37	300	300	298	25	25	23
Syria	450	462	418	766	708	781	718	681	680
Thailand	175	163	178	340	312	337	124	106	125
Turkey	1,435	1,922	1,614	731	659	676	2,185	2,640	2,273
Total ⁴	37,106	38,412	39,071	278	282	280	21,502	22,586	22,757
World total ⁴	75,160	80,364	78,514	368	380	364	57,424	63,664	59,519
Foreign Free World ⁴	45,227	48,627	47,542	262	269	268	24,711	27,248	26,563
Communist countries ⁴	19,019	18,463	18,604	559	573	571	22,132	22,027	22,115

See footnotes on page 65.

Table 88.—Cotton: Supply and distribution, United States, 1964-78

Year beginning August	Supply					Distribution				
	Beginning of season		Gin- nings in season ¹	Im- ports ²	Total supply	Consumption		Ex- ports ³	Carryover, end of season	
	Foreign	Total				Foreign	Total		Foreign	Total
	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>	<i>1,000 bales⁴</i>
1964	72	12,378	15,246	89	27,713	89	9,171	4,060	67	14,291
1965	67	14,291	14,860	104	29,255	91	9,495	2,942	62	16,862
1966	62	16,862	9,859	76	26,797	87	9,485	4,669	58	12,533
1967	58	12,533	7,215	145	19,893	95	8,982	4,206	46	6,448
1968	46	6,448	11,030	66	17,544	75	8,242	2,731	31	6,521
1969	31	6,521	9,903	49	16,473	41	7,991	2,768	27	5,760
1970	27	5,760	10,269	36	16,065	31	8,068	3,740	15	4,252
1971	15	4,252	10,187	72	14,511	37	8,039	3,229	24	3,234
1972	24	3,234	13,240	30	16,504	36	7,470	5,000	13	3,929
1973	13	3,929	12,773	48	16,750	33	7,172	5,746	11	3,743
1974	11	3,743	11,224	34	15,000	21	5,629	3,746	17	5,481
1975	17	5,481	8,174	92	13,746	23	6,986	3,178	48	3,594
1976	48	3,594	10,395	38	14,027	35	6,478	4,565	13	2,920
1977	13	2,920	14,076	5	17,002	12	6,217	5,219	6	5,326
1978 ⁵	6	5,326	.....	.....	.....	.....	.....	.....	.....	.....

¹Ginnings during the 12 months, Aug. 1-July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather. ²Total imports minus re-exports. ³Total exports minus re-imports. ⁴Domestic in running bales, and foreign in equivalent bales of 500 pounds. ⁵Preliminary.

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

Table 89.—Cotton: Mill consumption, by growths, United States, 1964-77

Year beginning August	Domestic			Foreign					All growths
	Upland ¹	American Pima	Total	Egyptian	Peruvian	Indian	Other	Total	
	<i>Bales²</i>	<i>Bales²</i>	<i>Bales²</i>	<i>Bales²</i>	<i>Bales²</i>	<i>Bales²</i>	<i>Bales²</i>	<i>Bales²</i>	<i>Bales²</i>
1964	9,000,053	81,336	9,081,389	48,933	22,037	(³)	18,506	89,476	9,170,865
1965	9,337,728	67,687	9,405,415	47,319	(³)	18,201	25,863	91,383	9,496,798
1966	9,297,954	64,077	9,362,031	44,626	(³)	16,304	25,872	86,802	9,448,833
1967	8,923,073	52,571	8,975,644	55,692	(³)	19,281	20,509	95,482	9,071,126
1968	8,066,550	73,392	8,139,942	38,699	(³)	22,218	13,748	74,665	8,214,607
1969	7,837,622	86,154	7,923,776	13,988	(³)	15,765	11,113	40,866	7,964,642
1970	7,958,398	78,765	8,037,163	15,401	(³)	11,608	3,596	30,605	8,067,768
1971	7,904,112	68,708	7,972,820	18,416	(³)	12,430	6,049	36,895	8,009,715
1972	7,453,068	78,831	7,531,899	11,611	(³)	18,026	6,699	36,336	7,568,235
1973	7,047,207	69,894	7,117,101	12,905	(³)	16,534	3,347	32,786	7,149,887
1974	5,534,413	48,519	5,582,932	8,857	(³)	7,808	4,192	20,857	5,603,789
1975	6,867,407	74,137	6,941,544	12,317	(³)	9,966	702	22,985	6,964,529
1976	6,394,441	48,395	6,442,836	18,194	(³)	6,593	10,101	34,888	6,477,724
1977	6,151,101	54,004	6,205,105	8,192	(³)	110	3,396	11,698	6,216,803

¹Includes sea island cotton. ²Domestic in running bales, counting round as half bales and foreign equivalent bales of 500 pounds. ³Not reported separately; shown under "Other."

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 87

¹Harvest season beginning Aug. 1.

²Preliminary.

³480-pound net weight.

⁴Includes estimates for minor-producing countries not shown above and allowance for countries where data are not yet available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1964–78

Year beginning August	White ¹				Light Spotted ²			All spotted	Other colored ³	All grades ⁴
	Strict Middling and higher	Middling	Strict Low Middling	Low Middling and lower	Strict Middling and higher	Middling	Strict Low Middling and lower			
Carryover:	1,000 bales ⁵	1,000 bales ⁵	1,000 bales ⁵	1,000 bales ⁵	1,000 bales ⁵	1,000 bales ⁵	1,000 bales ⁵	1,000 bales ⁵	1,000 bales ⁵	1,000 bales ⁵
1964	989	2,747	2,080	1,788	827	2,093	1,561	842	183	12,110
1965	868	2,787	3,001	1,162	802	2,249	1,673	1,182	294	14,018
1966	445	1,963	2,418	1,214	766	3,772	3,828	1,857	302	16,565
1967	244	1,412	1,934	595	464	2,685	2,637	1,999	300	12,270
1968	128	876	1,290	486	146	1,107	990	1,002	221	6,246
1969	122	1,237	2,192	843	36	652	767	374	124	6,347
1970	105	1,127	1,977	738	66	572	815	144	87	5,635
1971	87	867	1,461	506	76	592	434	129	37	4,183
1972	55	525	981	545	18	121	464	351	90	3,150
1973	33	297	1,131	921	6	115	611	468	281	3,863
1974	31	529	1,287	656	15	500	490	134	45	3,687
1975	28	527	2,166	1,090	13	312	997	208	73	5,414
1976	25	525	1,176	761	4	176	551	227	68	3,513
1977	27	336	999	563	3	162	416	281	80	2,867
1978	74	716	1,806	955	20	584	856	174	73	5,258
Ginnings:										
1964	566	3,124	4,880	2,109	98	1,471	1,885	531	368	15,032
1965	319	2,791	4,931	2,050	73	1,694	2,282	356	351	14,847
1966	126	1,569	2,797	920	33	1,060	1,911	826	249	9,491
1967	91	1,378	2,580	680	33	973	1,080	389	166	7,370
1968	117	1,763	4,315	1,500	25	1,012	1,626	329	151	10,838
1969	54	1,416	3,905	1,422	6	498	1,908	371	280	9,860
1970	47	1,448	3,510	1,881	5	912	1,833	314	105	10,055
1971	34	1,291	3,499	1,738	5	418	2,422	550	176	10,133
1972	25	1,078	4,469	3,384	3	481	2,621	699	416	13,176
1973	60	2,252	5,048	2,112	5	958	1,797	213	88	12,533
1974	23	1,370	4,632	2,517	3	290	2,045	255	105	11,240
1975	40	1,470	2,845	1,279	4	435	1,568	374	83	8,098
1976	25	1,402	4,168	1,301	6	587	1,684	917	214	10,284
1977	137	2,943	4,972	1,812	22	1,390	2,235	311	87	13,909
1978	33	1,322	4,163	1,729	3	519	2,368	225	97	10,459
Supply: ⁷										
1964	1,555	5,871	6,960	2,897	925	3,564	3,446	1,373	551	27,142
1965	1,187	5,577	7,933	3,212	875	3,832	3,956	1,538	645	28,866
1966	571	3,532	5,216	2,134	799	4,832	5,738	2,683	551	26,056
1967	335	2,790	4,515	1,276	496	3,658	3,717	2,387	467	19,641
1968	246	2,639	5,606	1,986	170	2,119	2,616	1,331	372	17,085
1969	176	2,654	6,098	2,265	41	1,150	2,674	745	404	16,207
1970	152	2,574	5,489	2,619	71	1,488	2,648	458	192	15,691
1971	121	2,158	4,961	2,238	81	1,010	2,857	679	212	14,317
1972	80	1,602	5,452	3,929	21	601	3,085	1,050	505	16,325
1973	93	2,550	6,176	3,034	11	1,073	2,408	681	370	16,396
1974	54	1,899	5,919	3,173	18	790	2,535	389	150	14,927
1975	68	1,997	5,010	2,369	17	747	2,565	582	156	13,511
1976	50	1,927	5,344	2,062	10	763	2,215	1,144	282	13,797
1977	164	3,279	5,971	2,375	25	1,552	2,651	592	167	16,776
1978	107	2,038	5,969	2,684	23	1,103	3,224	399	170	15,717
Disappearance: ⁸										
1964	687	3,084	3,959	1,735	123	1,315	1,773	191	257	13,124
1965	742	3,613	5,514	1,998	109	172	128	319	343	12,300
1966	327	2,120	3,282	1,538	336	2,147	3,101	684	251	13,786
1967	207	1,915	3,222	790	351	2,550	2,727	1,386	246	13,394
1968	124	1,402	3,413	1,143	135	1,467	1,849	957	248	10,798
1969	71	1,527	4,121	1,527	24	574	1,859	600	317	10,572
1970	65	1,707	4,027	2,119	5	896	2,214	329	155	11,507
1971	66	1,634	3,978	1,693	63	890	2,392	328	123	11,167
1972	47	1,305	4,322	3,007	15	466	2,474	582	224	12,462
1973	62	2,021	4,889	2,378	4	573	1,918	547	325	12,709
1974	26	1,372	3,753	2,083	5	478	1,538	181	77	9,513
1975	42	1,471	3,834	1,608	14	572	2,014	355	88	9,998
1976	23	1,591	4,345	1,499	7	601	1,799	863	202	10,930
1977	90	2,563	4,165	1,420	5	968	1,795	418	94	11,518

¹"Plus" grades of White included with straight grades. ²Light Spotted included with Spotted prior to 1958.
³Includes all grades of Tinged, Stained, Light Gray, Gray, and Below Grade. ⁴U.S. Department of Commerce.
⁵Running bales. ⁶Preliminary. ⁷Carryover at the beginning of the season, plus ginnings. ⁸Supply minus carryover at the end of the season. ⁹Negative disappearance reflected in total.

Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by staple lengths, United States, 1964–78

Year beginning August	¹³ / ₁₆ inch and shorter ¹	⁷ / ₈ and ²⁹ / ₃₂ inch	¹⁵ / ₁₆ and ³¹ / ₃₂ inch	1 and ¹ / ₃₂ inches	1 ¹ / ₁₆ and 1 ³ / ₃₂ inches	1 ¹ / ₈ and 1 ⁵ / ₃₂ inches	1 ³ / ₁₆ and 1 ⁷ / ₃₂ inches	1 ¹ / ₄ inches and longer	All staple lengths ²
Carryover:	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³
1964	13	1,400	2,273	4,253	4,017	142	9	3	12,110
1965	25	1,341	2,973	4,576	4,829	258	14	2	14,018
1966	25	2,074	3,834	5,790	4,483	343	12	4	16,565
1967	8	1,179	3,733	4,243	2,744	323	35	5	12,270
1968	9	490	1,691	1,641	2,002	372	32	9	6,246
1969	0	73	748	1,281	3,317	898	26	4	6,347
1970	2	58	269	1,001	3,742	530	29	4	5,635
1971	0	44	244	496	2,966	410	18	5	4,183
1972	1	189	509	422	1,703	307	12	7	3,150
1973	1	116	716	811	1,966	237	15	1	3,863
1974	0	113	821	832	1,634	275	9	3	3,687
1975	0	70	572	789	3,335	639	6	3	5,414
1976	1	87	415	570	2,068	357	12	3	3,513
1977	0	20	285	639	1,650	257	9	7	2,867
1978	0	33	646	1,458	2,752	357	8	4	5,258
Ginnings:									
1964	49	1,196	2,194	4,338	6,820	430	4	1	15,034
1965	9	1,042	2,947	3,555	6,859	418	7	10	14,849
1966	8	735	1,814	1,642	4,888	346	38	20	9,491
1967	2	382	1,321	1,109	3,807	672	51	26	7,370
1968	1	126	1,509	1,707	5,676	1,771	38	10	10,838
1969	7	549	1,128	1,590	5,894	678	13	1	9,860
1970	2	386	1,634	1,541	5,773	707	7	5	10,055
1971	7	398	1,440	843	5,855	1,568	21	1	10,133
1972	0	168	1,990	2,464	7,556	993	5	0	13,176
1973	2	273	2,743	1,945	6,811	758	1	0	12,533
1974	1	82	1,108	1,126	7,510	1,403	8	2	11,240
1975	4	356	1,314	905	4,496	1,021	1	1	8,098
1976	1	86	1,551	1,950	5,477	1,214	3	2	10,284
1977	0	69	2,301	3,058	6,960	1,515	3	3	13,909
1978	1	88	1,284	2,441	5,641	1,002	2	0	10,459
Supply: ⁵									
1964	63	2,596	4,467	8,591	10,837	572	13	4	27,142
1965	35	2,383	5,920	8,132	11,688	676	20	12	28,866
1966	33	2,808	5,647	7,433	9,372	689	51	23	26,056
1967	10	1,561	5,055	5,353	6,550	995	86	31	19,641
1968	9	615	3,200	3,348	7,680	2,143	70	20	17,085
1969	8	622	1,875	2,871	9,211	1,576	39	5	16,207
1970	3	444	1,903	2,542	9,515	1,238	37	9	15,691
1971	8	442	1,684	1,339	8,822	1,978	38	6	14,317
1972	1	357	2,499	2,887	9,257	1,300	17	7	16,325
1973	4	389	3,459	2,756	8,776	995	16	1	16,396
1974	1	195	1,929	1,958	9,144	1,678	17	5	14,927
1975	4	427	1,887	1,694	7,828	1,660	7	4	13,511
1976	2	173	1,966	2,520	7,545	1,571	15	5	13,797
1977	0	89	2,586	3,697	8,610	1,772	12	10	16,776
1978	1	121	1,930	3,899	8,393	1,359	10	4	15,717
Disappearance: ⁶									
1964	37	1,255	1,494	4,015	6,008	314	-1	2	13,124
1965	10	310	2,087	2,340	7,203	333	8	9	12,300
1966	24	1,629	1,914	3,189	6,629	367	16	18	13,786
1967	1	1,071	3,364	3,712	4,547	623	54	22	13,394
1968	9	542	2,452	2,067	4,363	1,245	44	16	10,738
1969	6	564	1,607	1,870	5,468	1,046	10	1	10,572
1970	3	400	1,659	2,047	6,547	828	19	4	11,507
1971	7	253	1,175	916	7,118	1,672	26	0	11,167
1972	0	241	1,783	2,075	7,291	1,063	3	6	12,462
1973	4	276	2,638	1,924	7,142	720	7	-2	12,709
1974	1	125	1,357	1,169	5,809	1,039	1	2	9,513
1975	3	340	1,472	1,124	5,758	1,304	-4	1	9,998
1976	2	153	1,681	1,881	5,895	1,314	6	-2	10,930
1977	0	56	1,940	2,239	5,858	1,415	4	6	11,518

¹Includes "no staple" and "perished staple."²U.S. Department of Commerce.³Running bales.⁴Preliminary.⁵Carryover at the beginning of the season, plus ginnings.⁶Supply minus carryover at the end of the season.⁷Negative disappearance reflected in total.

Agricultural Marketing Service.

Table 92.—Cotton, American Pima: Carryover and ginnings, by grade and staple length, United States, 1964–78

Year beginning August	Grade					Staple length (inches)					All grades and all lengths (¹)
	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1 ⁵ / ₁₆ and shorter	1 ³ / ₈	1 ⁷ / ₁₆	1 ¹ / ₂	1 ⁹ / ₁₆ and longer	
Carryover:	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²
1964	25.9	144.1	17.1	6.0	2.6	15.5	151.4	24.0	4.8	(³)	195.7
1965	30.8	146.4	21.5	4.8	1.6	7.2	179.7	16.3	1.4	0.5	205.1
1966	10.6	132.2	81.4	9.5	1.8	20.9	162.4	45.6	6.6	(³)	235.5
1967	36.4	136.3	27.8	4.3	.3	8.0	151.8	13.3	31.8	.2	205.1
1968	27.0	101.1	21.7	4.4	1.4	3.3	77.4	45.8	28.8	.3	155.6
1969	17.6	102.6	18.8	2.8	.7	5.8	109.1	19.1	8.5	(³)	142.5
1970	9.1	55.0	27.5	5.2	.9	4.5	80.2	8.8	4.1	.1	97.7
1971	6.1	32.0	12.3	3.0	.2	1.4	43.3	8.0	.8	.1	53.6
1972	2.2	42.9	12.0	2.9	.5	3.3	46.3	10.6	.3	.....	60.5
1973	4.6	25.3	18.2	4.0	.4	3.0	40.9	7.8	.1	.7	52.5
1974	3.6	31.8	5.3	3.1	1.1	3.1	38.0	3.7	.1	.....	44.9
1975	1.3	35.2	9.9	3.0	.8	3.6	41.7	4.8	.1	.....	50.2
1976	1.6	19.5	8.8	2.1	.3	.6	26.1	5.0	.....	.6	32.3
1977	3.4	31.5	4.0	1.0	.4	.4	27.1	12.4	.4	.....	40.3
1978 ⁴	3.4	41.2	14.3	3.0	.6	1.4	31.8	29.0	.3	.....	62.5
Ginnings:											
1964	25.0	77.5	7.6	4.3	2.1	12.7	101.0	2.8	(³)	.....	116.5
1965	11.3	56.9	13.4	2.6	1.1	7.9	74.5	2.9	.....	.....	85.3
1966	11.9	46.9	9.7	2.1	.6	7.0	61.3	2.9	.....	.....	71.2
1967	8.2	46.7	8.9	2.7	1.8	5.5	50.0	12.8	.....	.....	68.3
1968	5.4	57.7	10.4	2.6	2.1	4.9	56.4	16.9	.....	.....	78.2
1969	4.4	45.6	21.5	3.8	1.5	4.3	60.6	11.9	.....	.....	76.8
1970	2.6	43.0	8.4	2.4	.7	4.0	40.0	13.1	.....	.....	57.1
1971 .....	.9	71.5	16.1	4.1	3.3	8.1	69.8	18.0	.....	.....	95.9
1972 .....	.2	41.5	44.4	5.5	2.3	6.0	84.5	3.4	.....	.....	93.9
1973	2.2	63.0	6.0	5.4	1.5	7.2	67.5	3.4	.....	.....	78.1
1974	(³)	57.7	27.2	3.3	.5	3.5	74.5	10.7	.....	.....	88.7
1975	1.8	43.5	5.8	2.1	.5	2.9	44.5	6.3	.....	.....	53.7
1976	1.2	51.4	9.0	1.1	.3	1.3	38.1	23.6	.....	.....	63.0
1977 .....	.1	86.0	19.8	2.4	.5	1.9	51.0	55.9	(³)	.....	108.8
1978 ⁴ .....	.2	47.1	36.6	5.0	1.1	1.3	19.9	68.8	.....	.....	90.0

¹ U.S. Department of Commerce. Totals include small quantities of sealand and sea island cotton.² Running bales.³ Less than 50 bales.⁴ Preliminary.

Agricultural Marketing Service.

Table 93.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1973–78

State	Average staple length (32ds of an inch) ¹					
	1973	1974	1975	1976	1977	1978 ²
Ala	33.6	34.2	33.7	33.8	33.6	34.1
Ariz	34.6	34.7	34.7	34.7	34.5	34.5
Ark	34.3	34.9	34.7	34.2	34.8	34.5
Calif	35.3	35.3	35.4	35.3	35.3	35.3
Fla	34.0	34.1	34.0	34.6	34.0	34.5
Ga	34.1	34.0	34.0	34.1	34.7	34.3
La	34.2	34.6	34.7	34.1	34.7	34.4
Miss	34.4	34.7	34.7	34.1	34.8	34.7
Mo	34.1	35.1	34.6	34.3	34.4	34.7
N. Mex	34.8	35.9	35.2	35.3	35.5	35.5
N.C	34.8	35.4	34.6	35.3	34.9	35.3
Okl	31.7	31.9	31.9	31.2	32.5	32.2
S.C	34.8	35.0	34.6	35.1	35.3	36.1
Tenn	33.8	34.4	34.1	33.6	33.6	33.7
Tex	31.3	32.1	31.0	31.8	31.9	32.1
All other	35.3	35.1	35.0	34.5	34.6	34.8
U.S	33.3	34.2	33.6	33.7	33.6	33.7

¹ Average calculated on numerical equivalents of the staple-length designations. For example, $7/8$ -inch = 28, $29/32$ -inch = 29, etc. ² Preliminary.

Agricultural Marketing Service.

Table 94.—Cotton: International trade, 1972–77¹

Country	1972	1973	1974	1975	1976	1977 ²
Principal exporting countries:	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>
Mexico	940	767	891	536	542	597
Nicaragua	416	506	606	520	529	567
United States	5,311	6,123	3,926	3,311	4,784	5,484
Brazil	1,333	661	269	356	54	192
Peru	156	237	158	171	138	87
Greece	266	225	109	170	74	100
Soviet Union	3,200	3,370	3,560	3,890	4,300	4,350
Iran	603	445	502	642	327	335
Pakistan	822	196	1,060	418	65	474
Syria	557	563	385	467	675	510
Turkey	1,489	1,000	583	2,163	580	1,217
Egypt	1,387	1,199	878	775	606	573
Sudan	1,090	729	568	1,097	607	650
Tanzania	298	287	240	181	265	135
Uganda	299	299	116	103	62	45
Zaire	31	10	7	0	0	0
Total	18,198	16,617	13,858	14,800	13,608	15,316
Principal importing countries:						
Canada	327	320	225	254	215	239
Austria	109	101	89	102	101	105
Belgium	325	179	207	171	147	142
France	1,175	1,063	995	1,111	956	979
Germany, Fed. Rep. of	1,194	908	1,060	1,040	887	967
Italy	906	931	774	886	875	860
Netherlands	231	199	168	155	140	110
Poland	708	628	723	695	718	730
Portugal	642	560	400	489	459	545
Spain	387	273	331	424	396	222
Sweden	42	38	48	32	22	27
Switzerland	228	192	170	215	200	247
United Kingdom	764	560	477	582	461	504
Hong Kong	717	832	787	1,321	994	1,000
India	428	156	60	167	760	290
Japan	3,883	3,728	3,228	3,220	3,037	3,150
Total	12,066	10,668	9,742	10,864	10,368	10,117

¹ Crop year beginning Aug. 1. ² Preliminary. ³ 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 95.—Cotton: United States exports, by country of destination, 1975–77

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1975	1976	1977		1975	1976	1977
	<i>1,000 bales¹</i>	<i>1,000 bales¹</i>	<i>1,000 bales¹</i>		<i>1,000 bales¹</i>	<i>1,000 bales¹</i>	<i>1,000 bales¹</i>
Austria	1	(²)	4	Australia	1	1	4
Belgium and Luxembourg	12	16	9	Canada	135	194	222
Denmark	0	1	1	Chile	(²)	11	2
Finland	4	14	9	Colombia	(²)	0	(²)
France	23	47	84	Cuba	0	0	0
Germany, Fed. Rep. of	11	37	68	Ethiopia	0	0	0
Italy	54	88	81	Hong Kong	132	379	503
Netherlands	3	12	21	India	0	287	(²)
Norway	6	3	2	Indonesia	244	200	234
Poland	34	9	36	Israel	1	(²)	2
Portugal	5	67	71	Japan	672	1,020	1,078
Spain	18	90	67	Korea, Rep. of	939	959	1,231
Sweden	21	17	22	Pakistan	2	2	(²)
Switzerland	30	80	110	Philippines	111	92	104
United Kingdom	11	69	62	South Africa	6	8	1
Yugoslavia	0	0	0	China, Taiwan	522	451	512
Other Europe	9	64	75	Thailand	74	174	170
Total Europe	242	614	722	Uruguay	0	0	0
				Other countries	230	392	699
				Total	3,311	4,784	5,484

¹480 pounds net.²Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 96.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1975–77

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1975	1976	1977		1975	1976	1977
	<i>Bales¹</i>	<i>Bales¹</i>	<i>Bales¹</i>		<i>Bales¹</i>	<i>Bales¹</i>	<i>Bales¹</i>
Cotton, raw:				Cotton linters:			
Egypt	4,598	3,062	2,160	El Salvador	1,819	343	0
India	14,815	595	0	Guatemala	6,178	7,120	2,076
Mexico	19,472	18,505	417	Mexico	16,580	31,763	38,852
Pakistan	498	161	190	Nicaragua	2,468	5,273	2,090
Peru	6,164	10,144	1,666	Soviet Union	1	0	0
Other countries	46,361	5,469	996	Other countries	926	31,426	13,940
Total	91,908	37,936	5,429	Total	27,972	75,925	56,958

¹480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 98

¹ Averages for the designated spot markets.² Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

FOOTNOTES FOR TABLE 99

¹ Averages for the designated spot markets.² Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

Table 97.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1964–78

Year beginning August	Micronaire groups						
	2.6 and below	2.7 to 2.9	3.0 to 3.2	3.3 to 3.4	3.5 to 4.9	5.0 to 5.2	5.3 and above
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1964	0.8	1.9	4.9	4.5	76.8	7.9	3.2
1965	1.7	4.0	6.4	4.3	73.6	7.5	2.5
1966	2.2	4.5	6.6	4.2	66.7	10.9	4.9
1967	2.4	6.1	9.8	6.5	69.6	4.6	1.0
1968	1.1	3.3	6.2	4.4	76.5	7.0	1.5
1969 .....	.8	1.5	3.0	2.5	76.9	11.5	3.8
1970 .....	.3	1.1	2.9	2.8	83.7	7.5	1.7
1971	2.4	5.6	6.5	3.7	76.6	4.1	1.1
1972	1.5	3.8	6.3	3.9	77.9	5.6	1.0
1973 .....	.4	1.1	2.5	2.4	83.5	8.4	1.7
1974	2.6	3.7	5.4	4.0	76.5	6.1	1.7
1975	3.3	7.9	9.5	5.3	68.7	4.3	1.0
1976	1.3	2.8	5.0	4.5	77.2	7.0	2.2
1977 .....	.1	.6	1.9	2.2	80.2	11.4	3.6
1978 ¹ .....	.2	1.4	4.6	4.7	76.8	9.5	2.8

¹ Preliminary.
Agricultural Marketing Service.

Table 98.—Cotton, American upland: Spot prices in cents per pound for specified grades of 1 1/16-inch staple, 1964–77¹

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	32.40	30.66	28.58	26.29	30.54	28.59	26.58	27.69	26.22
1965	31.46	29.50	27.32	25.01	29.26	27.31	25.31	26.54	24.99
1966	24.73	22.82	20.31	17.64	22.35	20.31	17.93	19.12	17.59
1967	30.60	28.75	25.65	21.51	28.33	25.52	21.77	22.83	20.75
1968	26.93	24.52	21.65	18.12	24.34	21.80	18.56	20.15	18.10
1969	25.10	23.12	20.67	18.03	23.03	20.94	18.62	19.67	18.35
1970	25.66	24.32	22.69	21.06	24.38	22.93	21.44	22.14	21.33
1971 ²	33.91	32.96	31.65	29.54	32.88	31.50	29.69	30.37	29.28
1972	37.86	35.59	32.51	27.68	35.45	32.28	28.08	29.77	27.01
1973	69.37	67.10	63.24	54.61	66.74	62.47	55.28	56.29	52.37
1974	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.48
1975	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.50	49.71
1976	72.28	70.88	68.23	63.11	70.94	68.41	63.98	65.04	62.12
1977	54.19	52.74	49.73	45.89	52.76	49.89	46.40	47.57	45.03

See footnotes on page 70.

Table 99.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Strict Low Middling, 1964–77¹

Year beginning August	7/8 inch	29/32 inch	15/16 inch	31/32 inch	1 inch	1 1/32 inches	1 1/16 inches	1 3/32 inches
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	27.16	27.61	28.03	28.52	29.15	30.00	30.66	31.08
1965	25.95	26.41	26.81	27.29	27.94	28.74	29.50	30.03
1966	17.89	18.32	18.75	19.24	20.25	21.46	22.82	23.32
1967	17.91	18.38	19.10	20.48	22.97	26.57	28.75	29.48
1968	17.47	18.00	18.78	19.66	20.73	22.81	24.52	25.03
1969	18.13	18.60	20.29	19.86	20.45	21.65	23.12	23.47
1970	20.75	21.21	21.75	22.14	22.44	23.34	24.32	24.61
1971 ²	29.21	29.61	29.98	30.29	30.79	31.97	32.96	33.16
1972	28.08	28.48	29.03	29.84	31.26	33.68	35.59	35.77
1973	48.50	49.69	51.27	53.96	57.17	64.59	67.10	67.31
1974	33.22	34.17	35.52	36.91	38.05	40.02	41.69	41.89
1975	50.14	50.87	52.09	53.14	54.29	56.44	57.99	58.18
1976	62.54	63.36	64.55	65.34	66.67	69.34	70.88	71.08
1977	46.20	46.85	47.90	48.41	49.37	51.27	52.74	52.95

See footnotes on page 70.

Table 100.—Cotton, American upland: High, low, and season average spot price per pound for the base quality, 1964–77¹

Season beginning August	Middling 1-inch			Season beginning August	Middling 1-inch ²		
	Average	High	Low		Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	30.73	31.71	30.27	1971 ³	31.52	35.78	26.56
1965	29.60	30.27	29.41	1972	33.14	49.92	24.74
1966	22.08	22.65	21.82	1973	67.10	84.48	51.69
1967	24.83	27.13	22.64	1974	41.69	53.42	34.93
1968	22.90	25.11	21.87	1975	57.99	86.84	46.74
1969	22.15	23.01	21.39	1976	70.88	79.36	55.21
1970	23.55	25.45	22.54	1977	52.74	59.28	47.02

¹ Averages for the designated spot markets.² Base quality changed to "Strict Low Middling 1 1/16 inches" in 1973.³ Net weight basis beginning 1971; prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

Table 101.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1972–77¹

Market	Middling 1 inch	Strict Low Middling 1 1/16 inches ²				
	1972	1973	1974	1975	1976	1977
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Greenville	33.38	68.06	42.80	59.19	71.85	53.33
Augusta	35.02	68.63	43.63	60.22	72.70	53.81
Atlanta	35.04	68.63				
Montgomery	35.30	68.44	42.45	58.93	71.54	53.24
Little Rock	33.75					
Memphis	32.45	68.01	41.86	58.48	71.28	52.75
Greenwood	33.37	68.06	42.20	58.54	71.21	52.75
Dallas	31.31	63.75	40.31	55.84	69.43	50.53
Houston	31.38	64.57	41.70	57.65	70.94	51.58
Lubbock	32.40	61.87	38.90	55.06	67.79	50.04
Phoenix	32.33	66.26	40.52	57.20	70.12	52.71
Fresno	32.19	71.54	42.53	58.72	71.93	56.67
Average	33.14	67.10	41.69	57.99	70.88	52.74

¹ Year beginning August. Average of monthly averages.² Base quality changed to "Strict Low Middling 1 1/16 inches" in 1973.

Agricultural Marketing Service.

Table 102.—Cotton: Average cost per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1972–77¹

Kind of cotton and State	1972	1973	1974	1975	1976	1977
Upland:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.	17.02	19.10	23.80	23.47	25.94	27.03
Ariz.	21.72	23.47	26.55	29.35	30.42	33.26
Ark.	19.72	22.74	31.23	30.39	31.96	30.70
Calif.	23.06	23.50	28.64	29.00	32.19	35.13
Ga.	17.33	20.12	23.81	24.40	27.66	27.74
La.	19.10	21.86	28.53	29.08	28.98	30.35
Miss.	18.01	21.03	28.10	27.81	29.48	29.79
Mo.	24.29	26.65	33.31	32.32	37.73	37.53
N. Mex.	20.08	25.64	32.15	35.06	36.49	39.50
N.C.	19.90	24.45	28.10	30.02	31.94	32.74
Okla.	19.16	22.79	28.77	32.50	27.81	32.78
S.C.	20.12	24.23	30.18	30.64	29.79	31.85
Tenn.	18.81	27.71	29.50	28.86	31.20	27.40
Tex.	23.26	25.60	33.20	39.92	37.29	38.37
All upland cotton	21.01	23.74	29.38	32.13	32.87	34.73
American Pima	31.90	32.73	37.20	41.16	38.18	42.23

¹ Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners.

Agricultural Marketing Service and Economics, Statistics, and Cooperative Service.

Table 103.—Cotton linters: Supply, distribution, season average price, United States, 1964–78

Year beginning August	Supply				Distribution		Price per pound ¹		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	<i>1,000 bales²</i>	<i>1,000 bales²</i>	<i>1,000 bales²</i>	<i>1,000 bales²</i>	<i>1,000 bales²</i>	<i>1,000 bales²</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	601	1,652	153	2,406	1,386	301	7.96	5.98	2.52
1965	671	1,580	193	2,444	1,453	283	7.77	5.89	3.13
1966	641	1,129	200	1,969	1,157	179	9.39	7.89	5.69
1967	637	883	129	1,650	1,090	176	9.28	7.26	4.38
1968	365	1,307	131	1,802	1,125	171	8.34	5.88	3.47
1969	432	1,176	142	1,750	1,128	184	6.68	4.55	2.78
1970	342	1,147	67	1,556	920	171	7.32	5.01	2.75
1971	413	1,145	49	1,607	1,017	152	8.11	6.01	2.33
1972	363	1,341	30	1,734	1,111	259	7.17	4.49	2.92
1973	290	1,332	32	1,654	964	374	11.39	9.04	9.58
1974	295	1,270	23	1,588	888	217	9.34	6.27	8.83
1975	487	847	25	1,360	838	182	9.30	6.56	4.25
1976	445	983	70	1,498	999	210	10.26	7.36	3.75-7.25
1977	279	1,174	50	1,503	970	239	9.85	7.12	5.25-7.25
1978 ³	282	.....	.....	.....	.....	.....	.....	.....	.....

¹ Uncompressed in carload lots, f.o.b. mill points.² Bales are running bales except imports, which are 500-pound bales; includes production at oil mills, gins, and other delinting plants. Beginning 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.³ Preliminary.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce.

Table 104.—Cotton: Supply and distribution, by countries, 1977-78

Country	Begin- ning stocks Aug. 1 ¹	Produc- tion	Imports	Total supply	Con- sump- tion ²	Exports	Ending stocks July 31 ¹	Total distrib- ution
	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>
Exporting countries:								
Mexico	163	1,617	1	1,781	749	597	435	1,781
Nicaragua	74	575	.....	649	16	567	66	649
El Salvador	115	365	5	485	60	263	162	485
Guatemala	19	649	.....	668	55	603	10	668
Argentina	4,03	1,056	9	1,468	462	314	692	1,468
Brazil	1,553	2,182	.....	3,735	2,182	192	1,361	3,735
Colombia	67	642	5	714	400	243	71	714
Paraguay	161	390	.....	551	35	292	224	551
Peru	457	347	.....	804	177	87	540	804
Other Western Hemisphere	50	130	12	192	30	117	45	192
Angola	58	50	.....	108	15	50	43	108
Chad	38	205	.....	243	10	195	38	243
Central African Empire	28	51	.....	79	10	41	28	79
Cameroon	12	65	.....	77	30	35	12	77
Malawi	8	25	.....	33	12	13	8	33
Southern Rhodesia	100	175	.....	275	50	125	100	275
Sudan	667	775	.....	1,442	110	650	682	1,442
Uganda	67	75	.....	142	25	45	72	142
Egypt	873	1,831	112	2,816	1,346	573	897	2,816
Nigeria	283	166	2	451	208	70	173	451
Tanzania	40	235	.....	275	75	135	65	275
Mozambique	70	92	.....	162	25	67	70	162
Other Africa	119	675	38	832	271	444	117	832
Afghanistan	139	250	.....	389	60	170	159	389
Iran	77	827	.....	904	395	335	174	904
Israel	35	294	2	331	98	159	74	331
Pakistan	307	2,539	1	2,847	1,997	474	376	2,847
Syria	142	681	.....	823	170	510	143	823
Turkey	321	2,640	.....	2,961	1,286	1,217	458	2,961
Other Asia	46	145	50	241	136	55	50	241
Greece	240	688	123	1,051	597	100	354	1,051
Total "free world countries" above	6,732	20,437	360	27,529	11,092	8,738	7,699	27,529
United States ⁴	2,928	^{\$} 14,389	^{\$} 5	17,322	6,491	5,484	5,347	17,322
Soviet Union	2,040	12,710	400	15,150	8,950	4,350	1,850	15,150
Total exporting countries ...	11,700	47,536	765	60,001	26,533	18,572	14,896	60,001

See footnotes at end of table.

Table 104.—Cotton: Supply and distribution, by countries, 1977-78—Continued

Country	Begin- ning stocks Aug. 1 ¹	Produc- tion	Imports	Total supply	Con- sump- tion ²	Exports	Ending stocks July 31 ¹	Total distribi- tion
	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>
Importing countries:								
Canada	27		239	266	235		31	266
Chile	17		107	124	110		14	124
Other Western Hemisphere	71	190	70	331	269	11	51	331
Austria	18		105	123	99		24	123
Belgium	42		142	184	142		42	184
Finland	22		50	72	55		17	72
France	191		979	1,170	754	124	292	1,170
Germany, Fed. Rep. of	252		967	1,219	776	69	374	1,219
Italy	267	8	860	1,135	781		354	1,135
Netherlands	26		110	136	115		21	136
Portugal	127		545	672	492		180	672
Spain	316	157	222	695	506	10	179	695
Sweden	31		27	58	28		30	58
Switzerland	104		247	351	215	3	133	351
United Kingdom	203		504	707	441	51	215	707
Yugoslavia	17	5	629	651	514		137	651
Other Europe	25		41	66	47		19	66
Australia	79	203	17	299	105	48	146	299
Hong Kong	376		1,000	1,376	896	65	415	1,376
India	802	5,600	290	6,692	5,490	10	1,192	6,692
Japan	818		3,150	3,968	3,100	32	836	3,968
Korea, Rep. of	191	9	1,312	1,512	1,156		356	1,512
Philippines	18	3	119	140	119		21	140
China, Taiwan	382		1,052	1,434	1,010		424	1,434
Other Asia	356	175	1,219	1,750	1,326	62	362	1,750
Ethiopia	41	100		141	95	5	41	141
South Africa	89	239	47	375	229	20	126	375
Other Africa	94	122	175	391	270	23	98	391
Total "free world countries above"	5,002	6,811	14,225	26,038	19,375	533	6,130	26,038
Communist importing countries	4,633	9,317	5,020	18,970	15,358	100	3,512	18,970
Total importing countries	9,635	16,128	19,245	45,008	34,733	633	9,642	45,008
World total	21,335	63,664	20,010	105,009	61,266	19,205	24,538	105,009
Foreign Free World (all countries)	11,734	27,248	14,585	53,567	30,467	9,271	13,829	53,567

¹ Estimates for Southern Hemisphere countries include unginned cotton.² Includes cotton destroyed or unaccounted for.³ Bales of 480 pounds net (500 pounds gross).⁴ Running bales except imports, which are in bales of 480 pounds net.⁵ Includes pre-season ginnings.⁶ Imports for consumption.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 105.—Silk and vegetable fibers (except cotton): United States imports for consumption, by country of origin, 1977 and 1978

Commodity imported and country of origin	1977	1978 ¹	Commodity imported and country of origin	1977	1978 ¹
Raw silk: ²	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Abaca or manila:	<i>Tons</i>	<i>Tons</i>
Brazil	106	182	Ecuador	12,342	8,219
China: Mainland	268	466	Philippines	14,320	13,866
Taiwan	0	6	Other countries	0	0
Germany, Fed. Rep. of	0	0	Total	26,662	22,085
Other countries	7	17			
Total	381	671	Sisal and henequen:		
Waste and advanced waste: ³			Brazil	9,111	7,935
Japan	1,230	918	Haiti	25	90
Italy	0	1	Kenya	1,277	1,304
China: Mainland	0	141	Mexico	139	372
Korea, Rep. of	0	119	Mozambique	185	0
United Kingdom	0	0	Philippines	300	0
Other countries	10	120	Tanzania	951	702
Total	1,240	1,299	Other countries	50	239
			Total	12,038	10,642
Flax unmanufactured: ⁴	<i>Tons</i>	<i>Tons</i>	Istle or tampico, unmanufactured:		
Belgium and Luxembourg	57	454	Mexico	236	4,027
Total	57	454	Other countries	0	0
Hemp, unmanufactured:			Total	236	4,027
Philippines	38	149	Coir, unmanufactured:		
Total	38	149	India	1,396	172
Broomcorn:			Mexico	202	243
Mexico	10,983	10,502	Philippines	0	0
Other countries	2	15	Sri Lanka	6,931	9,323
Total	10,985	10,517	Other countries	57	10
Jute and jute butts, unmanufactured:			Total	8,586	9,748
Bangladesh	7,094	4,530	Other vegetable fiber: ⁵		
India	1,755	3,775	India	0	26
Thailand	3,490	6,805	Madagascar	66	66
Other countries	520	1,889	South Africa	0	0
Total	12,859	16,999	Thailand	3,995	14
Kapok:			Turkey	401	0
Indonesia	23	41	Other countries	0	1
Thailand	5,761	6,198	Total	4,462	107
Other Asia	10	41			
Total	5,794	6,280			

¹ Preliminary.² Includes wild or tussah, and raw silk in skeins.³ Silk waste, noils, and cocoons.⁴ Includes all classes; weight added without conversion to an equivalent fiber basis.⁵ TSUSA Number 3045600.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 106.—Silk and vegetable fibers (except cotton): Imports for consumption, United States, 1964–78

Year	Silk		Vegetable fibers, unmanufactured							
	Raw ¹	Waste ²	Flax ^{3,4}	Hemp ^{3,4}	Jute and jute butts	Abaca or manila ³	Sisal and henequen ³	Istle or tam-pico ³	Kapok ³	Other fibers ^{3,5}
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	4,002	2,157	2,228	41	74,139	26,719	83,871	889	13,212	12,582
1965	3,639	2,665	2,577	65	42,143	35,292	88,250	1,280	13,399	10,151
1966	3,510	1,113	4,567	89	51,875	33,940	80,198	346	13,191	13,131
1967	2,506	294	3,758	60	43,785	27,898	68,085	503	14,538	14,215
1968	2,194	1,789	3,734	110	50,566	22,016	75,173	591	18,060	17,658
1969	1,906	1,408	1,563	70	34,294	21,732	54,811	406	9,955	16,566
1970	919	927	1,581	0	29,625	21,492	59,577	629	11,703	16,587
1971	290	1,408	1,306	46	17,435	16,433	61,853	180	12,332	16,450
1972	553	1,586	1,145	35	13,393	21,338	49,993	153	11,214	20,216
1973	562	2,780	1,092	18	31,352	20,856	32,382	164	13,784	23,559
1974	423	2,165	988	0	28,311	37,094	10,278	364	10,281	25,905
1975	561	407	1,921	18	21,260	18,566	8,841	729	6,333	25,350
1976	725	1,928	243	0	20,953	22,239	14,465	96	7,499	23,972
1977	381	1,240	57	38	12,859	26,662	12,038	236	5,794	27,635
1978 ⁶	671	1,299	454	149	16,999	22,085	10,642	4,027	6,280	23,543

¹Includes wild or tussah, and raw silk in skeins.²Silk waste, noils, and cocoons.³Beginning 1964, not entirely comparable with preceding years because of change in schedule classification.⁴Includes weights of all classes added without conversion to an equivalent fiber basis.⁵Includes broomcorn, crin vegetal, coir, crude straw, flax straw, ramie, sunn, and other vegetable fibers.⁶Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 107.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1964–78¹

Year	Area		Yield per harvested acre	Production	Price ²	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis ³
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	1,460.0	1,395.2	16.8	23,389	11.80	275,661	3,288	3,073
1965	1,314.4	1,248.5	16.8	20,918	11.90	249,875	2,894	2,705
1966	1,240.1	1,161.1	17.5	20,342	12.80	260,355	2,828	2,643
1967	1,197.2	1,122.1	17.1	19,197	13.50	260,115	2,636	2,464
1968	1,476.1	1,410.1	18.0	25,363	13.80	350,207	3,483	3,255
1969	1,647.1	1,540.5	18.0	27,736	12.70	352,868	3,330	3,112
1970	1,478.4	1,413.3	18.7	26,378	14.80	391,567	3,401	3,179
1971	1,406.3	1,341.9	20.2	27,096	15.40	416,279	3,552	3,320
1972	1,419.7	1,328.7	21.4	28,410	16.00	455,830	3,624	3,387
1973	1,280.1	1,217.5	20.1	24,499	29.60	725,661	3,200	2,990
1974	1,251.5	1,212.6	18.2	22,123	46.80	1,035,567	2,916	2,725
1975	1,595.0	1,516.6	19.6	29,704	27.60	820,743	4,019	3,756
1976	1,525.4	1,478.8	19.9	29,386	21.00	616,813	3,895	3,640
1977	1,272.6	1,216.2	20.6	25,007	24.20	604,399	3,108	2,905
1978 ⁴	1,312.0	1,273.5	20.3	25,868	(⁵)	(⁵)	3,262	3,049

¹Relates to year of harvest; includes some acreage planted previous fall.²Prices do not include Government payments under the Sugar Act.³Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.⁴Preliminary.⁵Not available.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 108.—Sugarbeets: Area, yield, and production, by States, 1976–78

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
Ariz. ²	17.8	12.9	15.7	17.0	12.8	15.0	23.0	22.3	20.5	391	285	308
Calif. ²	318.0	227.0	207.0	312.0	217.0	195.0	28.6	26.1	24.5	8,912	5,664	4,778
Colo.	124.0	77.0	89.0	121.0	72.0	84.0	19.0	19.5	18.3	2,303	1,404	1,538
Idaho	145.6	115.4	136.3	139.4	107.4	134.1	20.7	19.5	20.3	2,879	2,094	2,722
Kans.	39.0	26.0	28.0	38.0	24.0	26.0	19.7	16.7	17.0	749	401	442
Maine ³	10.0			5.5			10.2			56		
Mich.	93.6	92.3	93.0	91.4	85.5	91.0	16.8	21.0	19.3	1,540	1,796	1,756
Minn.	256.0	264.0	265.0	248.0	260.0	263.0	12.2	18.2	18.9	3,026	4,732	4,971
Mont.	46.4	46.4	45.4	46.1	45.0	44.7	21.0	19.9	19.8	968	896	885
Nebr.	86.0	75.0	79.0	84.5	67.7	76.0	20.0	20.0	18.0	1,690	1,354	1,368
N.Mex.	1.1	1.3	2.1	.9	1.2	1.8	22.2	19.2	20.6	20	23	37
N.Dak.	153.2	157.8	156.2	149.8	155.2	155.2	13.5	17.8	19.7	2,022	2,769	3,054
Ohio	38.4	24.9	24.5	36.5	22.5	23.3	16.9	20.3	16.9	617	457	394
Oreg.	14.9	8.9	9.2	14.5	8.2	8.9	25.1	25.1	24.0	364	206	214
Tex.	26.8	19.9	28.0	23.3	17.9	23.5	21.6	17.3	17.6	503	309	414
Utah	18.4	10.4	14.9	18.0	9.8	14.7	17.6	17.7	17.0	317	173	250
Wash.	79.1	63.9	69.2	76.5	61.6	68.5	24.4	24.3	26.5	1,862	1,495	1,815
Wyo.	57.1	49.5	49.5	56.4	48.4	48.8	20.7	19.6	18.9	1,167	949	922
U.S.	1,525.4	1,272.6	1,312.0	1,478.8	1,216.2	1,273.5	19.9	20.6	20.3	29,386	25,007	25,868

¹ Preliminary.² Relates to year of harvest.³ None planted in 1977 or 1978.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 109.—Sugarbeets: Production and value, by States, crop of 1977 (preliminary)

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Ariz. ¹	285	24.40	6,954	N. Dak.	2,769	21.40	59,257
Calif. ¹	5,664	26.40	149,530	Ohio	457	20.20	9,231
Colo.	1,404	26.30	36,925	Oreg.	206	23.00	4,738
Idaho	2,094	25.50	53,397	Tex.	309	23.40	7,231
Kans.	401	21.90	8,782	Utah	173	26.70	4,619
Mich.	1,796	20.10	36,100	Wash.	1,495	26.50	39,618
Minn.	4,732	20.60	97,479	Wyo.	949	28.80	27,331
Mont.	896	29.10	26,074				
Nebr.	1,354	27.00	36,558	U.S.	25,007	24.20	604,399
N. Mex.	23	25.00	575				

¹ Relates to year of harvest; includes some acreage planted previous fall.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 110.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1964–78

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	5,021	2,661	133,614	17.78	2,376
1965	3,296	2,833	93,363	18.13	1,693
1966	4,741	2,932	139,020	18.34	2,549
1967	3,503	2,438	85,412	18.38	1,570
1968	3,100	2,244	69,553	18.68	1,299
1969	5,550	2,548	141,427	18.47	2,612
1970	5,907	2,575	152,076	18.59	2,828
1971	4,016	2,620	105,224	19.34	2,035
1972	3,318	2,446	81,166	19.07	1,548
1973	2,832	2,968	84,059	20.28	1,705
1974	1,983	2,556	50,685	21.67	1,099
1975	4,625	2,437	112,729	34.46	3,885
1976	6,748	2,630	177,494	38.55	6,842
1977	4,915	2,726	133,985	38.26	5,126
1978	3,153	2,266	71,443	37.12	2,652

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

Table 111.—Sugarbeet seed: Area, yield, and production, by States, 1976–78¹

State	Area harvested			Yield per acre			Production		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Cwt.</i>
Ariz	1,248	281	284	3,112	4,059	3,515	38,836	11,406	9,983
Nev	0	54	0	0	2,331	0	0	1,259	0
N. Mex	0	224	0	0	1,453	0	0	3,255	0
Oreg	4,933	4,136	2,692	2,576	2,733	2,139	127,079	113,025	57,583
Utah	351	220	177	2,762	2,291	2,190	9,696	5,040	3,877
Other	216	0	0	872	0	0	1,883	0	0
All States	6,748	4,915	3,153	2,630	2,726	2,266	177,494	133,985	71,443

¹ Commercial seed production from fall plantings overwintered in the field.

² All seed monogerm and hybrid.

Science and Education Administration. Compiled from reports furnished by beet sugar companies and their subsidiaries and by others engaged in sugarbeet seed production.

Table 112.—Sugarbeets: Area, yield, and production in specified countries, 1976–78

Continent and country	Area harvested			Yield per hectare			Production ²		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
North America:	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada	32	26	25	41.0	33.8	27.4	1,313	880	686
United States	598	501	516	43.3	43.8	45.2	25,907	21,965	23,326
Total	630	527	541	43.2	43.3	44.4	27,220	22,845	24,012
South America:									
Chile	55	21	17	36.4	95.0	94.9	2,000	1,994	1,614
Uruguay	14	20	22	35.7	31.4	31.4	500	627	690
Total	69	41	39	36.2	63.9	59.1	2,500	2,621	2,304
Europe:									
Belgium and Luxembourg	95	92	110	48.4	48.1	46.0	4,599	4,421	5,060
Denmark	80	85	81	35.0	41.5	40.0	2,800	3,530	3,240
France	578	548	523	35.1	44.7	43.8	20,300	24,500	22,920
Germany, Fed. Rep. of	449	434	412	41.9	44.9	44.7	18,817	19,500	18,400
Ireland	34	36	35	43.3	41.2	40.9	1,473	1,483	1,431
Italy	305	238	252	49.6	46.8	46.8	15,139	11,150	11,800
Netherlands	135	129	130	44.4	46.5	46.2	6,000	6,000	6,000
United Kingdom	219	215	209	27.4	35.0	39.0	6,000	7,525	8,150
Total EC	1,895	1,777	1,752	39.6	44.0	43.9	75,128	78,109	77,001
Austria	57	57	44	61.4	63.2	65.9	3,500	3,600	2,900
Finland	27	27	31	25.9	29.6	27.7	700	800	860
Spain	250	253	231	34.0	31.6	31.6	8,500	8,000	7,304
Sweden	53	54	52	39.2	40.9	41.6	2,077	2,212	2,161
Switzerland	11	12	13	45.4	50.0	48.4	500	600	629
Total Western Europe	2,293	2,180	2,123	39.4	42.8	42.8	90,405	93,321	90,855
Bulgaria	69	71	73	43.5	43.7	22.6	3,000	3,100	1,650
Czechoslovakia	202	220	219	29.7	36.8	32.9	6,000	8,100	7,200
German Dem. Rep.	273	283	263	23.8	24.7	29.3	6,500	7,000	7,700
Hungary	101	125	122	34.7	32.0	34.4	3,500	4,000	4,200
Poland	555	550	528	29.6	29.1	29.6	16,436	16,000	15,655
Romania	202	225	250	24.8	22.2	23.2	5,000	5,000	5,800
Yugoslavia	103	121	126	45.7	43.8	40.9	4,707	5,300	5,150
Total Eastern Europe	1,505	1,595	1,581	30.0	30.4	30.0	45,143	48,500	47,355
Total Europe	3,798	3,775	3,704	35.7	37.6	37.3	135,548	141,821	138,210
Soviet Union	3,738	3,760	3,730	21.4	22.6	22.5	80,000	85,000	84,000
Asia:									
Japan	49	49	58	44.9	45.4	46.8	2,200	2,223	2,714
Turkey	243	248	277	29.2	35.5	35.5	7,100	8,800	9,829
Total	292	297	335	31.8	37.1	37.4	9,300	11,023	12,543
Grand total	8,527	8,400	8,349	29.9	31.3	31.3	254,568	263,310	261,069

¹ Preliminary.² Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 113.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1964–78¹

Year ²	Area harvested			Yield of cane per acre			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	655.9	27.7	683.6	37.1	26.6	36.6	24,317	736	25,053
1965	583.3	33.7	617.0	39.1	26.1	38.4	22,785	878	23,663
1966	590.2	35.0	625.2	40.0	26.4	39.2	23,590	925	24,515
1967	596.2	31.4	627.6	43.1	30.3	42.5	25,699	952	26,651
1968	577.3	28.5	605.8	41.6	28.1	41.0	24,025	800	24,825
1969	502.8	32.8	535.6	43.2	27.5	42.2	21,714	901	22,615
1970	551.1	32.8	583.9	41.8	28.7	41.1	23,055	941	23,996
1971	606.7	41.4	648.1	38.1	24.8	37.3	23,145	1,027	24,172
1972	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,332
1973	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,827
1974	689.9	44.2	734.1	34.8	25.1	34.2	24,031	1,109	25,140
1975	734.7	39.3	774.0	37.2	26.4	36.6	27,306	1,038	28,344
1976	704.0	43.0	747.0	38.2	27.9	37.6	26,919	1,201	28,120
1977	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,830
1978 ³	709.0	43.4	752.4	36.5	26.5	35.9	25,873	1,149	27,022

Year ²	Season average price per ton received by farmers ⁴	Value of production		Sugar production			Molasses
		Of cane used for sugar	Of cane used for sugar and seed	Raw value ⁵		Refined basis ⁶	
				Total	Per ton of cane		
	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>	<i>Pounds</i>	<i>1,000 tons</i>	<i>1,000 gallons</i>
1964	6.83	94,460	98,016	2,326	191	2,174	163,615
1965	7.82	94,329	99,665	2,322	204	2,170	145,674
1966	8.74	110,470	116,793	2,448	208	2,287	145,201
1967	9.38	137,610	144,639	2,648	206	2,475	161,091
1968	9.37	119,435	125,198	2,447	204	2,286	152,589
1969	9.97	108,380	115,534	2,254	208	2,107	134,458
1970	10.50	132,045	139,688	2,416	210	2,258	141,193
1971	11.10	138,617	147,834	2,436	211	2,277	144,812
1972	11.60	201,639	211,724	2,740	201	2,561	180,553
1973	20.90	319,503	333,061	2,549	205	2,383	167,486
1974	48.50	724,509	771,091	2,512	212	2,347	156,355
1975	19.60	349,622	366,370	2,934	214	2,743	178,988
1976	13.70	243,703	257,242	2,724	202	2,545	180,730
1977	18.50	310,017	327,146	2,684	209	2,508	164,894
1978 ³	(⁷)	(⁷)	(⁷)	2,632	203	2,460	165,472

¹Includes Hawaii for area harvested, yield per acre, production of sugarcane for sugar, and sugar production; includes molasses production for Hawaii. Also includes Hawaii from 1964 to date for area harvested, yield, and production of sugarcane for seed. Price and value for Hawaii not included.

²The growth of 9 months in Louisiana, 12 months in Florida, and 18–24 months in Hawaii. Sugarcane harvest usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and, in Hawaii, the harvest takes place throughout the year.

³Preliminary.

⁴Prices do not include Government payments under the Sugar Act.

⁵Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

⁶Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

⁷Not available.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 114.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1976–78

State	Sugarcane for sugar and seed ¹								
	Area harvested			Yield of cane per acre			Cane production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
For sugar:									
Fla	286.0	285.0	296.0	32.6	29.8	30.8	9,324	8,493	9,117
Hawaii	99.9	96.8	101.2	91.8	92.9	97.5	9,173	8,994	9,867
La	291.0	304.0	278.0	25.6	23.9	21.0	7,451	7,265	5,838
Tex	27.1	33.5	33.8	35.8	29.2	31.1	971	978	1,051
U.S	704.0	719.3	709.0	38.2	35.8	36.5	26,919	25,730	25,873
For seed:									
Fla	12.0	15.0	14.0	32.6	31.8	33.0	391	477	462
Hawaii	6.8	6.7	7.1	27.8	27.2	30.4	189	182	216
La	24.0	18.0	22.0	25.6	23.9	21.0	614	430	462
Tex . . . . .	.2	.4	.3	35.0	27.5	30.0	7	11	9
U.S	43.0	40.1	43.4	27.9	27.4	26.5	1,201	1,100	1,149
For sugar and seed:									
Fla	298.0	300.0	310.0	32.6	29.9	30.9	9,715	8,970	9,579
Hawaii	106.7	103.5	108.3	87.7	88.7	93.1	9,362	9,176	10,083
La	315.0	322.0	300.0	25.6	23.9	21.0	8,065	7,695	6,300
Tex	27.3	33.9	34.1	35.8	29.2	31.1	978	989	1,060
U.S	747.0	759.4	752.4	37.6	35.3	35.9	28,120	26,830	27,022

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value ³)			Sugar produced (raw value ³)			Equivalent refined ⁴			Molasses ⁵		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Fla., La., and Tex . . .	189	197	199	1,674	1,650	1,595	1,564	1,542	1,491	131,746	114,330	112,432
Hawaii . . .	229	230	210	1,050	1,034	1,037	981	966	969	⁶ 48,984	⁶ 50,564	53,040
U.S . . .	202	209	203	2,724	2,684	2,632	2,545	2,508	2,460	180,730	164,894	165,472

¹The growth of 9 months in Louisiana, 12 months in Florida, and 18–24 months in Hawaii. Sugar campaign usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and, in Hawaii, the harvest takes place throughout the year. ²Preliminary. ³Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948. ⁴Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar. ⁵Blackstrap (80° Brix), high-test molasses from frozen cane, and edible molasses. ⁶85° brix.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 115.—Sugarcane for sugar and seed:¹ Production and value, by States, crop of 1977 (preliminary)

State	Sugar			Sugar and seed: Value of production ²
	Production	Price per ton	Value of production	
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Fla	8,970	19.60	166,463	175,812
La	7,695	17.70	128,591	136,202
Tex	989	15.30	14,963	15,132
Total	17,654	18.50	310,017	327,146

¹Excludes Hawaii. ²Price per ton of cane for sugar used in evaluating value of production for seed.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 116.—Sugarcane, sugar, and molasses: Area, yield, and production in Republic of the Philippines, 1964–78

Crop year ¹	Sugarcane				Sugar produced			Molasses production
	Area		Production for centrifugal sugar		Centrifugal	Muscovado and panocha	Centrifugal sugar made per ton sugarcane	
	Total ²	Harvested for centrifugal sugar	Yield per hectare ³	Total ⁴				
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>Kilograms</i>	<i>Metric tons</i>
1964	308	248	63.73	15,804	1,683	56	106	609,000
1965	352	328	43.37	14,225	1,603	57	113	423,000
1966	320	293	45.33	13,281	1,442	56	109	450,000
1967	313	288	53.05	15,278	1,558	56	102	443,430
1968	308	286	54.24	15,512	1,595	57	103	502,875
1969	343	321	51.24	16,448	1,596	59	97	566,670
1970	388	366	58.57	21,437	1,927	60	90	809,863
1971	461	442	52.69	23,287	2,058	46	88	881,034
1972	459	440	44.30	19,491	1,869	49	96	680,874
1973	461	441	51.42	22,676	2,424	54	107	836,000
1974	465	445	58.62	26,085	2,643	54	101	955,000
1975	530	510	48.27	24,616	2,466	54	100	890,000
1976	543	525	55.29	29,025	2,875	54	99	1,190,000
1977	508	492	55.33	27,220	2,750	53	101	932,000
1978 ⁵	520	503	44.71	22,487	2,397	54	107	808,000

¹Harvesting begins in October, the length of the growing season being about 11 months.²Total harvested area includes area for both centrifugal and non-centrifugal sugar.³Cane production divided by harvested area.⁴Cane production as reported.⁵Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 117.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1964–78

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments ²	Domestic disappearance		
			Foreign sources	Territories ¹		Livestock feed and alcohol ³	Military and civilian use ⁴	Per capita consumption (refined) ⁴
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1964	5,587	2,637	3,633	809	21	15	9,938	96.8
1965	5,370	2,794	4,027	834	89	41	10,080	97.0
1966	5,279	2,805	4,495	717	65	79	10,235	97.3
1967	5,297	2,758	4,804	705	72	199	10,474	98.5
1968	5,627	2,941	5,130	504	79	82	10,856	99.2
1969	5,482	3,043	4,866	342	82	68	10,950	101.0
1970	5,874	2,869	5,296	353	66	83	11,163	101.8
1971	5,815	2,835	5,587	144	89	61	11,345	102.4
1972	6,015	2,823	5,459	149	50	62	11,487	102.8
1973	6,061	2,823	5,329	79	26	31	11,429	101.5
1974	5,663	2,646	5,770	157	77	8	10,946	96.6
1975	5,302	2,854	3,882	96	206	6	19,304	90.2
1976	6,800	2,856	4,658	203	70	0	10,895	94.7
1977	6,090	3,498	6,138	102	20	0	11,100	95.7
1978 ⁵	5,750	4,491	4,600	58	15	11	10,839	92.7

¹Includes inshipments from Puerto Rico (and from Virgin Islands 1964–66).²Includes sugar used in manufacture of exported commodities.³Includes use for alcohol, beginning 1964.⁴Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.⁵Estimated.

Table 118.—Sugar: Production in specified countries, 1976–78¹

Continent and country	1976	1977	1978 ²	Continent and country	1976	1977	1978 ²
CENTRIFUGAL SUGAR (raw value) ³	1,000 metric tons	1,000 metric tons	1,000 metric tons	CENTRIFUGAL SUGAR (raw value) ³ — Continued	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America (cane):				Europe (beet unless otherwise indicated) — Continued			
Barbados	113	94	100	Albania	22	21	21
Belize	93	93	115	Bulgaria	285	275	275
Canada (beet)	165	149	116	Czechoslovakia	685	900	900
Costa Rica	195	192	218	German Dem. Rep.	600	782	680
Cuba	6,100	7,000	6,500	Hungary	400	438	420
Dominican Republic	1,222	1,179	1,270	Poland	1,801	1,851	1,791
El Salvador	291	293	290	Romania	800	609	610
Guadeloupe	91	97	100	Yugoslavia	707	784	783
Guatemala	517	410	454				
Haiti	48	62	70	Total Eastern Europe	5,300	5,660	5,480
Honduras	107	150	150				
Jamaica	291	300	356	Total Europe	18,491	20,328	19,617
Martinique	14	16	15				
Mexico	2,697	3,030	3,200	Soviet Union	7,350	8,825	9,000
Nicaragua	224	214	225				
Panama	172	175	220	Africa (cane):			
St. Kitts	41	36	40	Angola	50	60	65
Trinidad and Tobago	176	180	190	Egypt	662	634	700
United States:				Ethiopia	180	150	165
Continental (beet)	3,534	2,844	3,033	Kenya	161	197	284
Continental (cane)	1,519	1,497	1,449	Madagascar	107	110	112
Hawaii	938	988	939	Mauritius	731	705	695
Puerto Rico	243	184	184	Morocco	337	251	333
Total North America	18,791	19,183	19,234	Mozambique	200	260	250
South America (cane unless otherwise indicated):				Reunion	260	265	275
Argentina	1,592	1,661	1,379	Southern Rhodesia	250	275	275
Bolivia	267	280	300	South Africa	2,166	2,211	2,122
Brazil	7,500	8,600	7,680	Swaziland	209	225	235
Chile (beet)	315	123	102	Tanzania	120	120	125
Colombia	882	916	985	Uganda	30	15	20
Ecuador	301	295	347	Zaire	49	58	65
Guyana	332	245	345	Other Africa ⁴	613	651	658
Paraguay	56	70	80				
Peru	941	850	800	Total Africa	6,125	6,187	6,379
Surinam	7	10	10				
Uruguay (beet and cane)	125	102	100	Asia (cane unless otherwise indicated):			
Venezuela	443	389	440	Burma	120	130	130
Total South America	12,761	13,541	12,568	China:			
Europe (beet unless otherwise indicated):				Mainland (cane and beet)	2,600	2,970	3,000
Belgium and Luxembourg	714	729	800	Taiwan	1,123	768	810
Denmark	416	566	489	India	6,043	7,720	7,000
France	2,974	4,293	3,800	Indonesia	1,105	1,000	1,200
Germany, Fed. Rep. of	2,734	3,075	2,800	Iran (beet and cane)	745	686	683
Ireland	186	179	190	Japan (beet and cane) ⁵	565	640	702
Italy	1,748	1,364	1,391	Pakistan	742	856	800
Netherlands	931	890	942	Philippines	2,750	2,397	2,155
United Kingdom	755	1,003	1,250	Thailand	2,212	1,584	1,800
Total EC	10,458	12,099	11,662	Turkey (Europe and Asia) (beet)	1,285	1,082	1,300
Austria	391	475	350	Other Asia (cane and beet) ⁶	393	477	492
Finland	80	75	100				
Greece	385	295	326	Total Asia	19,683	20,310	20,072
Portugal:							
Azores and Madeira	20	21	20	Oceania (cane):			
Spain (cane and beet)	1,472	1,267	1,263	Australia	3,405	3,322	3,000
Sweden	302	343	315	Fiji	307	369	300
Switzerland	83	93	101				
Total Western Europe	13,191	14,668	14,137	Total Oceania	3,712	3,691	3,300
				World total (cane)	53,512	56,426	54,583
				World total (beet)	33,401	35,639	35,587
				World total (cane and beet)	86,913	92,065	90,170

See footnotes at end of table.

Table 118.—Sugar: Production in specified countries, 1976–78¹—Continued

Continent and country	1976	1977	1978 ²	Continent and country	1976	1977	1978 ²
NON-CENTRIFUGAL SUGAR (as produced) ⁷	1,000 metric tons	1,000 metric tons	1,000 metric tons	NON-CENTRIFUGAL SUGAR (as produced) ⁷ —Continued	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Asia:			
Costa Rica	45	45	50	Burma	138	140	140
El Salvador	16	10	10	China:			
Guatemala	37	36	35	Mainland	825	830	850
Mexico	65	50	50	Taiwan	30	42	40
Nicaragua	10	10	10	India	6,200	6,800	6,800
Panama	2	3	3	Indonesia	200	225	225
Total	175	154	158	Japan ⁵	11	12	13
South America:				Pakistan	1,450	1,450	1,450
Brazil	200	200	200	Philippines	51	60	60
Colombia	735	818	894	Thailand	700	700	750
Ecuador	42	45	50	Vietnam	10	11	10
Peru	14	13	15	Total	9,615	10,270	10,338
Venezuela	39	40	40	Total of above countries	10,820	11,540	11,695
Total	1,030	1,116	1,199				

¹ Crop years are on a September/August basis, (year shown is the beginning year) but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.

² Preliminary.

³ Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

⁴ "Other Africa" includes Afars-Issas, Algeria, Cameroon, Congo, Ghana, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somali Republic, Sudan, Tunisia, and Zambia.

⁵ Since Jan. 1, 1972, includes Ryukyu Islands.

⁶ "Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

⁷ Non-centrifugal sugar includes all types of sugar produced by other than centrifugal process which is largely for consumption in the relatively few areas where produced. The estimates include such kinds known as piloncillo, panela, papelon, chancaca, rapadura, jaggery, gur, muscovado, panocha, etc.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1976–78¹

Country or area of supply	1976	1977	1978 ²	Country or area of supply	1976	1977	1978 ²
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Argentina	87	267	271	Philippines	914	1,443	847
Australia	470	494	165	South Africa	98	274	60
Brazil	661	600		China, Taiwan	87	86	57
Belize	14	36	87	Other countries	596	688	792
Colombia	84	14	113	Total foreign countries . .	4,658	6,138	4,693
Costa Rica	65	95	78	Domestic areas:			
Dominican Republic	971	975	734	Mainland (beet)	3,822	3,509	3,198
Ecuador	28	55	37	Mainland (cane)	1,592	1,448	1,244
El Salvador	143	166	130	Hawaii	985	979	1,009
Fiji Islands	18	51		Puerto Rico	203	102	52
Guatemala	331	301	156	Texas (cane)	118	85	62
Haiti	6		6	Total domestic areas . .	6,720	6,123	5,565
India	189		53	Grand total	11,378	12,261	10,258
Mexico	1						
Nicaragua	166	120	108				
Panama	95	131	123				
Peru	313	314	225				

¹ Raw value is the equivalent in terms of 96° sugar.

² Preliminary.

Agricultural Marketing Service.

Table 120.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1964–79¹

Item and year	Cane sugar refineries ²	Beet sugar factories	Importers of direct consumption sugar ³	Mainland cane sugar mills ⁴	Total
JAN 1 STOCKS ⁵	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1964	327	958	40		1,325
1965	215	1,585	23		1,823
1966	208	1,603	24		1,835
1967	215	1,423	16		1,654
1968	249	1,335	32		1,616
1969	256	1,292	11		1,559
1970	251	1,321	9		1,581
1971	237	1,266	4		1,507
1972	255	1,258	1		1,514
1973	233	1,280	3		1,516
1974	257	1,130	1		1,388
1975	276	1,314	1		1,591
1976	233	1,490	0		1,723
1977	261	1,661	0		1,922
1978	312	1,580	85		1,977
1979 ⁶	362	1,458	0		1,820
PRODUCTION OR RECEIPTS					
1964	6,148	3,150	204		9,502
1965	6,368	2,845	207		9,420
1966	6,685	2,647	180		9,512
1967	6,868	2,551	302		9,721
1968	7,209	2,840	193		10,242
1969	6,874	3,034	147		10,055
1970	7,143	3,281	139		10,563
1971	7,324	3,205	108		10,639
1972	7,304	3,303	89		10,696
1973	7,358	3,133	73		10,564
1974	7,608	3,010	56		10,674
1975	6,183	3,246	82		9,511
1976	6,561	3,741	76		10,378
1977	7,078	3,199	258		10,535
1978 ⁶	7,030	2,867	95		9,992
DELIVERIES ⁷					
1964	6,260	2,523	219	58	9,060
1965	6,374	2,827	206	65	9,472
1966	6,678	2,826	187	55	9,746
1967	6,834	2,639	286	54	9,813
1968	7,201	2,883	214	48	10,346
1969	6,879	3,005	148	49	10,081
1970	7,158	3,336	144	57	10,695
1971	7,306	3,213	111	51	10,681
1972	7,326	3,281	87	70	10,764
1973	7,334	3,282	75	81	10,772
1974	7,590	2,826	56	54	10,526
1975	6,237	3,068	83	65	9,453
1976	6,534	3,572	76	15	10,197
1977	7,026	3,280	172	17	10,495
1978 ⁶	6,980	2,989	180	18	10,167

¹ All sugars converted to refined basis.² Includes Hawaiian sugar for direct consumption.³ Includes Puerto Rican sugar for direct consumption.⁴ Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.⁵ Stocks include sugar in bond and in customs custody and control.⁶ Preliminary.⁷ Includes deliveries for export, for livestock feed, and for use in alcohol.

Agricultural Marketing Service.

Table 121.—Sugar, cane (raw¹) : Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1964-79

Year	Jan. 1 stocks	Receipts ²	Meltings	Deliveries for direct consumption
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	1,027	6,166	6,585	10
1965	598	6,763	6,832	15
1966	513	7,254	7,183	15
1967	569	7,635	7,376	17
1968	812	7,759	7,720	17
1969	834	7,251	7,373	17
1970	695	7,780	7,655	16
1971	804	7,856	7,865	10
1972	785	8,041	7,844	10
1973	972	7,948	7,910	12
1974	998	8,063	8,161	11
1975	886	6,206	6,639	11
1976	428	7,430	7,071	13
1977	776	8,490	7,564	13
1978	1,678	6,883	7,578	10
1979 ³	982			

¹Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

²Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.

³Preliminary.

Agricultural Marketing Service.

Table 122.—Sugar, centrifugal (raw value): Stocks in specified countries, 1976-78

Country	Date ¹	Sugar-making season			Country	Date ¹	Sugar-making season		
		1976	1977	1978 ²			1976	1977	1978 ²
		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>			<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Chile	Apr. 1	215	130	132	Ireland	Oct. 1	35	25	16
Colombia	May 1	55	41	62	Japan	Oct. 1	98	157	442
South Africa	May 1	234	240	314	Netherlands	Oct. 1	139	150	122
Argentina	June 1	137	116	159	Philippines	Oct. 1	744	1,677	1,427
Australia	June 1	328	533	536	Sweden	Oct. 1	138	126	108
Brazil	June 1	1,746	1,286	2,861	Switzerland	Oct. 1	21	54	88
Mauritius	June 1	219	246	283	United States and insular areas	Oct. 1	2,399	2,718	3,259
Ecuador	July 1	13	12	75	Uruguay	Oct. 1	70	109	101
Spain	July 1	136	118	427	El Salvador	Nov. 1	9	8	19
Greece	July 1	42	132	151	Guatemala	Nov. 1	77	62	12
Finland	Aug. 1	82	48	15	India	Nov. 1	737	818	1,265
Guyana	Aug. 1	21	18	23	Mexico	Nov. 1	642	282	125
Italy	Aug. 1	337	509	878	Thailand	Nov. 1	34	412	941
Turkey	Aug. 1	79	78	161	Egypt	Nov. 1	70	145	179
Canada	Sept. 1	117	183	212	Dominican Republic	Dec. 1	300	348	282
United Kingdom	Sept. 1	139	251	751	Barbados	Jan. 1	15	16	14
Venezuela	Sept. 1	123	21	84	Haiti	Jan. 1	7	9	15
Yugoslavia	Sept. 1	92	64	257	Jamaica	Jan. 1	12	25	48
Austria	Oct. 1	68	173	80	Nicaragua	Jan. 1	6	30	5
Belgium	Oct. 1	90	124	54	Peru	Jan. 1	86	160	164
Costa Rica	Oct. 1	15	14	7	Trinidad and Tobago	Jan. 1	3	12	6
Denmark	Oct. 1	98	74	155					
France	Oct. 1	174	259	606					
Germany, Fed. Rep. of	Oct. 1	165	365	556					
Iran	Oct. 1	207	283	264					
					Total		10,574	12,661	17,741

¹All stock carryover dates apply to the year shown, except Jan. 1 and Apr. 1, which apply to the following year.

²Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 123.—Sugar, centrifugal (raw value): International trade, 1975–77

Continent and country	1975		1976		1977 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:						
Belize	76	1	58	0	86	0
Canada	87	998	52	895	145	1,064
Costa Rica	71	(²)	69	5	74	(²)
El Salvador	136	(²)	130	(²)	168	(²)
Guatemala	204	0	314	2	294	0
Honduras	10	(²)	7	(²)	25	(²)
Mexico	161	0	13	0	0	0
Nicaragua	90	(²)	154	(²)	100	(²)
Panama	82	7	93	0	119	(²)
United States	203	3,490	69	4,136	20	5,290
Caribbean:						
Antigua	0	2	0	2	0	2
Barbados	73	0	84	0	106	0
Cuba	5,744	0	5,764	0	6,238	0
Dominican Republic	950	0	977	0	1,117	0
Guadeloupe ³	21	0	5	0	6	0
Haiti	25	0	6	0	13	0
Jamaica	258	5	233	6	220	11
Netherlands Antilles	0	8	0	8	0	17
St. Kitts	21	0	33	0	38	0
Trinidad and Tobago	109	(²)	155	(²)	140	(²)
Other countries ⁴	7	22	8	25	10	32
Total North America	8,328	4,533	8,224	5,079	8,919	6,416
South America:						
Argentina	193	0	290	0	925	0
Bolivia	59	0	147	0	115	0
Brazil	1,746	0	1,252	0	2,487	0
Chile	56	122	0	98	0	342
Colombia	181	0	100	0	100	0
Ecuador	51	0	40	0	56	0
Guyana	289	0	306	0	211	0
Paraguay	15	0	4	0	0	0
Peru	422	0	284	0	412	0
Uruguay	0	20	5	(²)	0	(²)
Venezuela	46	0	0	110	0	126
Other countries ⁴	2	1	1	2	3	5
Total South America	3,060	143	2,429	210	4,309	473
Europe:						
Belgium and Luxembourg	189	30	351	76	532	77
Denmark	154	29	173	50	263	21
France ⁵	994	183	1,422	136	1,816	110
Germany, Fed. Rep. of	249	196	318	169	713	108
Ireland	58	50	103	74	65	44
Italy	4	677	(²)	290	6	310
Netherlands	14	29	81	73	212	75
United Kingdom	385	2,346	285	2,101	178	1,870
Total EC	2,047	3,540	2,733	2,969	3,785	2,615
Austria	64	10	125	1	16	(²)
Finland	36	171	27	136	59	157
Greece	0	87	34	(²)	52	0
Iceland	0	9	0	11	0	12
Malta	0	7	0	22	0	18
Norway	0	108	0	169	0	179
Portugal	71	286	48	239	48	264
Spain	44	484	0	65	(²)	139
Sweden	(²)	80	(²)	121	22	69
Switzerland	(²)	142	(²)	226	6	255
Total Western Europe	215	1,384	234	990	203	1,093
Albania	0	17	0	13	0	13
Bulgaria	0	295	0	330	0	215
Czechoslovakia	227	48	71	109	171	64
German Dem. Rep.	64	166	67	189	91	234
Hungary	7	198	2	150	0	91
Poland	72	54	348	16	271	30
Romania	28	47	0	119	164	204
Yugoslavia	2	119	(²)	342	1	86
Total Eastern Europe	400	944	488	1,268	698	937
Total Europe	2,662	5,868	3,455	5,227	4,686	4,645

See footnotes at end of table.

Table 123.—Sugar, centrifugal (raw value): International trade, 1975–77—Continued

Continent and country	1975		1976		1977 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Soviet Union	58	3,237	79	3,760	87	4,776
Africa:						
Algeria	0	296	0	354	1	450
Angola	0	7	0	45	0	51
Egypt	44	172	43	185	63	171
Ethiopia ⁶	7	(²)	25	(²)	4	(²)
Ghana	0	20	0	49	0	34
Ivory Coast	(²)	27	(²)	18	(²)	18
Kenya	1	14	(²)	49	5	39
Libya	0	95	0	124	0	116
Madagascar	41	(²)	30	0	28	0
Mauritius	498	(²)	584	(²)	674	(²)
Morocco	(²)	257	0	263	0	389
Mozambique	51	0	147	(²)	208	0
Nigeria	0	113	0	176	0	329
Reunion ³	(²)	99	(²)	190	(²)	200
Southern Rhodesia	116	0	90	0	60	0
Senegal	(²)	63	0	60	0	61
Sierra Leone	0	10	0	13	0	17
South Africa	809	89	860	82	1,384	82
Sudan	0	142	0	156	0	151
Swaziland	161	0	209	0	211	0
Tanzania	12	(²)	22	12	11	21
Tunisia	24	125	39	194	30	170
Zaire	(²)	15	0	10	0	25
Other countries ⁴	39	200	42	132	50	163
Total Africa	1,803	1,744	2,091	2,112	2,729	2,487
Asia:						
Yemen (Aden)	0	26	0	19	0	27
Afghanistan	0	60	0	78	0	37
China:						
Mainland	94	313	24	638	40	1,560
Taiwan	409	0	519	0	599	0
Cyprus	0	11	0	13	0	16
Hong Kong	14	75	1	84	1	96
India	1,291	0	915	0	276	0
Indonesia	1	87	0	200	0	237
Iran ⁷	0	226	0	626	(²)	277
Iraq	13	328	0	329	0	492
Israel	0	150	0	131	0	153
Japan	104	2,473	8	2,439	4	2,708
Jordan	(²)	48	(²)	112	0	45
Korea, Rep. of	129	357	84	308	89	403
Kuwait	(²)	64	2	28	2	51
Lebanon	1	66	(²)	36	0	157
Malaysia, West	34	354	3	336	25	408
Philippines	972	0	1,467	0	2,443	0
Singapore	40	148	22	109	17	132
Sri Lanka	0	59	0	26	0	106
Syria	0	145	0	189	0	124
Thailand	595	0	1,124	0	1,657	0
Turkey (Europe and Asia)	2	106	4	(²)	0	(²)
Vietnam	7	247	4	220	3	217
Other countries ⁴	10	401	12	365	13	400
Total Asia	3,716	5,744	4,189	6,286	5,169	7,646
Oceania:						
Australia	1,997	(²)	2,016	(²)	2,558	(²)
Fiji	255	(²)	257	(²)	318	(²)
New Zealand	1	192	(²)	173	(²)	184
Other countries ⁴	0	45	0	46	0	49
Total Oceania	2,253	237	2,273	219	2,876	233
World total	21,880	21,506	22,740	22,893	28,775	26,676

¹Preliminary. ²Less than 500 tons. ³Excludes trade with France and French Territories. ⁴Includes trade of other countries not shown separately. ⁵Excludes trade with French Territories. ⁶Ethiopian calendar year.

⁷Iranian calendar year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 124.—Sugar (raw and refined) : Average price per pound at specified markets, 1964-78

Year	Wholesale price, cane sugar				Retail price, granulated: United States ⁴	Year	Wholesale price, cane sugar				Retail price, granulated: United States ⁴
	Raw, 96° centrifugal			Re-fined: New York ³			Raw, 96° centrifugal			Re-fined: New York ³	
	Caribbean ports ¹	New York, c.i.f. basis ²	New York, duty paid				Caribbean ports ¹	New York, c.i.f. basis ²	New York, duty paid		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	5.87	6.27	6.9	10.47	12.8	1972 . . .	7.43	8.47	9.1	12.83	13.9
1965	2.12	6.12	6.8	10.02	11.8	1973 . . .	9.61	9.66	10.3	13.78	15.1
1966	1.86	6.36	7.0	10.15	12.0	1974 . . .	29.99	42.22	29.5	33.66	32.3
1967	1.99	6.65	7.3	10.41	12.1	1975 . . .	20.49	21.85	22.5	30.80	37.2
1968	1.98	6.90	7.5	10.60	12.2	1976 . . .	11.58	12.74	13.3	18.85	24.0
1969	3.37	7.12	7.8	11.22	12.4	1977 . . .	⁵ 8.22	⁵ 10.36	⁵ 10.9	16.17	21.6
1970	3.75	7.45	8.1	11.74	13.0	1978 . . .	⁶ 7.81	⁶ 9.37	⁶ 13.9	20.45	⁶ 23.8
1971	4.55	7.90	8.5	12.24	13.6						

¹ F.o.b. and stowed.² Quotations are on a cost, insurance, and freight basis.³ Average wholesale price per pound less 2 percent cash discount.⁴ Averages of prices reported by urban dealers as of the 15th of the month. Derived from reported price for 5-pound container.⁵ Average for 10 months.⁶ Derived.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the following sources: New York Journal of Commerce; U.S. Department of Labor retail prices series; and reports of the New York Coffee and Sugar Exchange.

Table 125.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1976-78¹

Country of origin	1976	1977	1978 ²	Country of origin	1976	1977	1978 ²
North and South America, including Caribbean area:	1,000 metric tons	1,000 metric tons	1,000 metric tons	Other countries:	1,000 metric tons	1,000 metric tons	1,000 metric tons
Argentina	87	267	156	Australia	369	427	176
Brazil	0	510	463	China, Taiwan	77	76	51
Colombia	102	12	61	India	177	(³)	(³)
Costa Rica	59	84	27	Mauritius	27	50	53
Dominican Republic	839	867	590	Philippines	840	1,188	803
Ecuador	33	49	12	South Africa	87	245	0
El Salvador	118	127	126	Other	166	264	222
Guatemala	289	292	139	Total other countries	1,743	2,250	1,305
Mexico	(³)	(³)	21	World total	4,136	5,290	3,616
Nicaragua	138	117	77				
Panama	86	115	122				
Peru	317	254	166				
West Indies and Guyana	224	144	127				
Other America	101	202	224				
Total	2,393	3,040	2,311				

¹ Includes raw sugar imports and refined sugar imports converted to raw basis.² Preliminary.³ Less than 500 tons.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 126.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1976–1978

Country of destination	1976	1977	1978 ¹	Country of destination	1976	1977	1978 ¹
North and South America, including Caribbean areas:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Africa:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Bahamas	1,766	1,552	757	Guinea	276	264	192
Bermuda	348	111	42	Morocco	5,436	0	0
Canada	34,326	3,495	3,076	Nigeria	11,444	5,925	1,087
Jamaica	90	12	76	West Africa, n.e.c.	44	49	0
Leeward and Windward Islands	91	183	80	Other countries	160	22	22
Netherlands Antilles	3,599	4,473	2,868	Total	17,360	6,260	1,301
Other countries	505	491	453				
Total	40,725	10,317	7,352	Asia and Oceania:			
Europe:				French Pacific Islands	270	42	3
France	27	10	12	Indonesia	150	27	19
Germany, Fed. Rep. of	14	3	17	Israel	1,913	825	1
Iceland	0	0	2,012	Japan	565	0	12
Italy	30	36	134	Saudi Arabia	136	300	336
Netherlands	5,707	1	462	Trust Territory of Pacific Islands	1,018	1,048	1,084
Sweden	87	235	233	Western Samoa	224	133	91
United Kingdom	26	248	29	Other countries	76	203	261
Other countries	439	50	67	Total	4,352	2,578	1,807
Total	6,330	583	2,966	World total	68,767	19,738	13,426

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 127.—Maple sirup and sugar: Production, farm disposition, season average price received by farmers, and value, United States, 1964–78¹

Year	Production		Disposition on farms where produced		Season average price per gallon of sirup	Value of production
	Sirup	In terms of sugar ²	Home use	Sold		
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	1,546	12,368	91	1,455	5.02	7,765
1965	1,266	10,128	84	1,182	5.04	6,389
1966	1,476	11,808	84	1,392	4.96	7,319
1967	979	7,832	65	914	5.33	5,215
1968	983	7,864	62	921	5.48	5,391
1969	1,032	8,256	64	968	6.15	6,350
1970	1,110	8,880	71	1,039	6.83	7,575
1971	962	7,696	60	902	7.10	6,825
1972	1,099	8,792	57	1,042	8.79	9,670
1973	857	6,856	47	810	9.35	8,018
1974	1,087	8,696	70	1,017	9.91	10,768
1975	1,201	9,608	91	1,110	10.60	12,728
1976	927	7,416	84	843	11.48	10,638
1977	1,221	9,768	73	1,148	12.00	14,661
1978	1,154	9,232	77	1,077	12.90	14,854

¹ Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.² Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 128.—Maple sirup: Production, by States, 1976–78¹

State	Sirup made			State	Sirup made		
	1976	1977	1978		1976	1977	1978
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>		<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Maine	7	8	7	Pa	40	47	42
Mass	27	27	28	Vt	334	437	410
Mich	69	90	80	Wis	66	130	110
N.H.	57	74	82	U.S.	927	1,221	1,154
N.Y.	277	320	330				
Ohio	50	88	65				

¹ Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 129.—Maple sirup: Production, farm disposition, and value, by States, crop of 1978¹

State	Production	Disposition on farms where grown		Season average price per gallon	Value of—	
		Home use	Sold		Production	Sales
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine	7	1	6	16.00	112	96
Mass	28	2	26	14.10	395	367
Mich	80	3	77	14.00	1,120	1,078
N.H.	82	8	74	15.60	1,279	1,154
N.Y.	330	20	310	12.00	3,960	3,720
Ohio	65	6	59	13.00	845	767
Pa	42	3	39	12.00	504	468
Vt	410	25	385	13.00	5,330	5,005
Wis	110	9	101	11.90	1,309	1,202
U.S.	1,154	77	1,077	12.90	14,854	13,857

¹ Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 130.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, and average price per pound received by beekeepers, United States, 1964–78

Year	Number of colonies	Honey yield per colony	Production		Prices	
			Honey	Beeswax	All honey	Beeswax
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>
1964	4,840	51.9	251,188	4,672	18.6	44.3
1965	4,718	51.3	241,849	4,697	17.8	44.9
1966	4,646	52.0	241,576	4,615	17.4	46.5
1967	4,635	46.6	215,780	4,386	15.6	58.8
1968	4,539	42.2	191,391	3,797	16.9	61.6
1969	4,433	60.3	267,485	5,171	17.5	61.1
1970	4,285	51.7	221,712	4,374	17.4	60.2
1971	4,107	48.2	197,826	3,597	21.8	61.3
1972	4,085	52.8	215,607	3,997	30.2	62.1
1973	4,124	58.0	239,089	4,251	44.4	74.4
1974	4,210	44.6	187,855	3,450	51.0	114.0
1975	4,206	47.4	199,179	3,405	50.5	103.0
1976	4,285	46.3	198,392	3,352	49.9	112.0
1977	4,346	41.1	178,499	3,095	53.0	158.0
1978 ¹	4,084	56.4	230,309	3,936	54.5	174.0

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 131.—Honey: United States imports for consumption, by country of origin, 1976–78

Continent and country of origin	1976	1977	1978 ¹	Continent and country of origin	1976	1977	1978 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada	2,480	6,830	3,972	Belgium and Luxembourg	0	18	0
Dominican Republic	336	351	576	Germany, Fed. Rep. of	18	21	29
El Salvador	293	439	155	Greece	48	31	20
Guatemala	330	523	76	Netherlands	23	1	4
Honduras	14,065	14,839	8,322	Spain	(2)	10	2
Mexico	40	158	117	United Kingdom	2	6	24
Other countries	332	112	164	Other countries	62	14	17
Total	17,876	23,252	13,382	Total	153	101	96
South America:				Asia and Oceania:			
Argentina	8,397	4,144	6,982	Australia	1,205	20	23
Brazil	914	1,003	3,982	China, Mainland	254	289	301
Chile	318	20	170	New Zealand	284	36	39
Colombia	172	1	100	Other countries	92	6	25
Venezuela	146	25	186	Total	1,835	351	388
Other countries	150	18	99				
Total	10,097	5,211	11,519	Africa, total	159	66	0
				Total	30,120	28,981	25,385

¹ Preliminary.² Less than 1 metric ton.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 132.—Honey: Colonies of bees, yield per colony, and production of honey and beeswax, by States, 1977 and 1978

State	1977				1978			
	Number of colonies	Honey yield per colony	Production		Number of colonies	Honey yield per colony	Production	
			Honey	Beeswax			Honey	Beeswax
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala	49	23	1,127	29	45	22	990	27
Ariz	60	47	2,820	45	60	45	2,700	45
Ark	52	30	1,560	27	50	28	1,400	27
Calif	525	26	13,650	205	504	62	31,248	554
Colo	41	67	2,747	55	39	67	2,613	55
Conn	8	28	224	4	8	26	208	5
Del	3	30	90	2	4	34	136	4
Fla	360	40	14,400	216	356	67	23,852	334
Ga	170	25	4,250	55	150	23	3,450	69
Hawaii	7	97	679	11	7	116	812	11
Idaho	103	46	4,738	74	100	45	4,500	81
Ill	44	40	1,760	30	38	43	1,634	36
Ind	79	39	3,081	60	76	51	3,876	78
Iowa	82	74	6,068	97	86	53	4,558	86
Kans	52	46	2,392	48	43	60	2,580	39
Ky	53	22	1,166	21	46	23	1,058	20
La	38	35	1,330	25	31	50	1,550	25
Maine	5	18	90	2	5	31	155	2
Md	13	22	286	8	13	43	559	12
Mass	12	22	264	5	12	35	420	6
Mich	105	54	5,670	85	103	58	5,974	93
Minn	150	80	12,000	228	145	96	13,920	251
Miss	59	23	1,357	34	52	25	1,300	31
Mo	116	48	5,568	139	112	56	6,272	146
Mont	96	57	5,472	104	99	89	8,811	159
Nebr	144	50	7,200	144	127	65	8,255	152
Nev	10	55	550	9	9	40	360	6
N.H	4	28	112	2	4	35	140	4
N.J	37	34	1,258	20	35	30	1,050	18
N. Mex	17	33	561	10	13	33	429	8
N.Y	120	31	3,720	67	110	56	6,160	99
N.C	205	25	5,125	97	190	32	6,080	122
N. Dak	136	88	11,968	168	160	128	20,480	354
Ohio	97	26	2,522	43	89	35	3,115	50
Okla	65	34	2,210	42	60	38	2,280	43
Oreg	58	37	2,146	36	60	32	1,920	35
Pa	93	31	2,883	46	78	31	2,418	47
R.I	1	30	30	1	1	32	32	1
S.C	60	18	1,080	22	56	21	1,176	26
S. Dak	165	58	9,570	163	171	120	20,520	226
Tenn	160	22	3,520	84	140	30	4,200	84
Tex	210	43	9,030	163	185	47	8,695	148
Utah	48	50	2,400	38	47	30	1,410	25
Vt	8	24	192	2	9	35	315	4
Va	80	20	1,600	22	77	33	2,541	38
Wash	91	44	4,004	68	82	34	2,788	53
W. Va	89	20	1,780	25	93	30	2,790	45
Wis	125	77	9,625	164	124	51	6,324	114
Wyo	41	64	2,624	50	41	55	2,255	38
U.S	4,346	41.1	178,499	3,095	4,084	56.4	230,309	3,936

¹ Sum of State totals exceed the U.S. total because of duplication of colonies between States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 133.—Honey and beeswax: Average price per pound received by beekeepers, by States, 1977 and 1978

State	Honey prices								Beeswax prices, 1978
	Wholesale, extracted, 1978			Retail, extracted, 1978	All ¹ comb, 1978	All ¹ chunk, 1978	All honey		
	Bulk	Packaged	All				1977	1978	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	0.43	0.82	0.47	0.97	1.08	0.99	0.616	0.702	1.67
Ariz . . . . .	.42	.64	.43	.76	.....	.....	.421	.446	1.57
Ark . . . . .	.45	.76	.46	.82	.86	.88	.466	.473	1.67
Calif . . . . .	.45	.48	.45	.57	.....	.....	.425	.448	1.77
Colo . . . . .	.50	.72	.53	.76	1.35	.....	.523	.558	1.71
Conn . . . . .	.....	.95	.95	1.13	.....	.....	1.06	1.09	1.60
Del . . . . .	.64	.74	.73	.98	1.30	1.20	.897	.935	1.76
Fla . . . . .	.44	.67	.45	.78	.99	1.07	.442	.494	1.73
Ga . . . . .	.48	1.07	.50	1.18	.83	.82	.513	.587	1.61
Hawaii . . . . .	.47	.64	.47	.71	.....	.....	.454	.476	1.83
Idaho . . . . .	.47	.62	.48	.62	.....	.....	.480	.485	1.79
Ill . . . . .	.55	.74	.61	.96	1.18	1.14	.644	.679	1.75
Ind . . . . .	.54	.80	.64	.86	1.18	1.17	.756	.742	1.75
Iowa . . . . .	.49	.68	.49	.84	1.17	1.13	.512	.509	1.69
Kans . . . . .	.56	.77	.57	.82	.....	.....	.485	.584	1.68
Ky . . . . .	.73	.87	.74	1.03	1.08	1.00	.826	.891	1.66
La . . . . .	.43	.83	.44	.82	.....	.....	.443	.474	1.65
Maine . . . . .	.....	.85	.85	1.09	1.35	1.60	.858	.982	1.60
Md . . . . .	.64	.78	.73	.94	1.23	1.13	.772	.795	1.76
Mass . . . . .	.....	.88	.88	1.12	1.53	1.60	1.03	1.03	1.60
Mich . . . . .	.45	.68	.48	.83	1.10	.....	.498	.512	1.75
Minn . . . . .	.48	.68	.49	.74	1.12	.94	.470	.495	1.82
Miss . . . . .	.48	.81	.53	.96	1.20	1.00	.588	.636	1.61
Mo . . . . .	.66	.88	.67	.97	1.15	1.10	.640	.749	1.60
Mont . . . . .	.52	.71	.53	.77	1.23	.....	.539	.538	1.78
Nebr . . . . .	.45	.69	.46	.88	.....	.....	.458	.472	1.75
Nev . . . . .	.57	.84	.58	.89	1.25	.....	.572	.602	1.85
N.H . . . . .	.....	.95	.95	1.14	1.46	1.31	1.04	1.14	1.60
N.J . . . . .	.77	.88	.86	1.09	1.45	1.35	.825	.947	1.57
N. Mex . . . . .	.54	.76	.55	.79	.....	.....	.448	.564	1.52
N.Y . . . . .	.49	.79	.50	.88	1.19	1.21	.558	.543	1.74
N.C . . . . .	.54	.99	.82	1.23	1.11	1.26	.793	.899	1.53
N. Dak . . . . .	.47	.75	.47	.77	.....	.....	.490	.471	1.81
Ohio . . . . .	.57	.88	.59	.97	1.17	1.26	.635	.642	1.67
Okla . . . . .	.55	.89	.67	1.00	.....	.....	.632	.716	1.67
Oreg . . . . .	.48	.62	.49	.72	1.05	.....	.509	.510	1.77
Pa . . . . .	.50	.71	.54	.88	1.11	.86	.656	.653	1.72
R.I . . . . .	.....	.96	.96	1.13	.....	.....	1.08	1.07	1.60
S.C . . . . .	.59	.82	.80	.94	1.03	.86	.805	.845	1.48
S. Dak . . . . .	.45	.64	.46	.71	.....	.....	.450	.458	1.74
Tenn . . . . .	.69	.94	.74	1.25	1.21	1.15	.802	.889	1.58
Tex . . . . .	.43	.65	.44	.83	.....	.....	.450	.476	1.70
Utah . . . . .	.53	.57	.54	.63	1.40	.90	.532	.570	1.72
Vt . . . . .	.73	.92	.91	.99	1.26	1.20	.886	.936	1.60
Va . . . . .	.51	.77	.57	.94	1.01	.92	.657	.716	1.70
Wash . . . . .	.50	.63	.51	.94	.....	.....	.530	.549	1.96
W. Va . . . . .	.58	.85	.65	1.03	1.19	1.08	.939	.984	2.10
Wis . . . . .	.47	.71	.50	.78	1.15	.....	.513	.526	1.79
Wyo . . . . .	.50	.59	.50	.65	.....	.....	.501	.506	1.76
U.S . . . . .	.486	.698	.511	.801	1.12	1.07	.530	.545	1.74

¹ Prices for wholesale and retail comb and chunk honey discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 134.—Honey and beeswax: Average wholesale prices for specified types and locations, 1969–78¹

Item and location	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
EXTRACTED HONEY. PER POUND ²										
Florida Extra Light Amber to White, Orange	<i>Cents</i> 17.8	<i>Cents</i> 14.2	<i>Cents</i> 20.0	<i>Cents</i> 31.2	<i>Cents</i> 36.0	<i>Cents</i> 40.0	<i>Cents</i> 40.5	<i>Cents</i> 39.3	<i>Cents</i> 40.6	<i>Cents</i> 45.1
California:										
White to Water White, Orange	13.1	14.7	19.8	30.7	36.5	42.1	41.2	41.0	43.5	44.1
Light Amber to Extra Light Amber, Alfalfa . .	12.3	14.5	20.0	28.9	43.0	41.4	39.8	37.3	39.4	45.3
Western States: ³										
White to Water White, Clover and Alfalfa	15.0	14.4	18.5	29.9	45.3	48.3	44.2	44.3	44.3	45.5
New York and North Central States:										
White to Water White, Clover and Alfalfa	14.8	14.6	19.0	31.2	40.8	47.1	45.8	44.2	44.5	45.8
BEESWAX, PER POUND ⁴										
California	66.0	55.6	58.9	59.9	68.9	108.9	107.8	114.4	155.7	168.8
North Central States	66.3	60.3	63.5	68.7	72.9	111.2	98.4	122.8	168.2	171.4
Florida and Georgia	72.4	65.0	61.8	65.2	73.7	115.3	93.7	111.1	160.0	181.8

¹ Simple average of average monthly prices, 1969–74; weighted average of monthly prices, 1975–78.² Except where otherwise stated, price to beekeepers for bulk unprocessed honey, f.o.b. shipping point or delivered nearby market.³ Data do not include California prior to 1970.⁴ "Dark" or lighter beeswax price to beekeepers, f.o.b. shipping point or delivered nearby market.

Agricultural Marketing Service.

Table 135.—Beeswax, crude: United States imports for consumption, by country of origin, 1976–1978

Continent and country of origin	1976	1977	1978 ¹	Continent and country of origin	1976	1977	1978 ¹
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	147	182	194	Portugal	20	10	0
Dominican Republic	138	154	150	Spain	22	12	0
Haiti	39	25	22	Other countries	21	(²)	0
Mexico	158	331	121	Asia and Oceania:			
Other countries	0	1	0	Australia	23	0	0
South America:				China, Mainland	1	0	6
Brazil	180	187	190	New Zealand	6	6	0
Chile	351	214	215	Other countries	0	0	2
Other countries	0	0	15	Total	1,412	1,293	1,067
Africa:							
Egypt	0	45	15				
Ethiopia	246	126	137				
Tanzania	60	0	0				
Other countries	0	0	0				

¹ Preliminary.² Less than 1 metric ton.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 136.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1964–78

Year	Production ¹							Imports			
	Sirups					Honey	Total	Maple sirup	Edible molasses and cane sirup ³	Honey	Total
	Corn	Cane	Maple ²	Re-finers	Edible molasses						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1964	238,832	2,814	1,546	2,862	2,685	21,323	270,062	666	2,119	417	3,202
1965	243,682	2,989	1,266	2,994	2,648	20,427	274,006	879	3,349	1,127	5,355
1966	252,337	2,923	1,476	2,493	2,563	20,403	282,195	938	3,061	806	4,805
1967	255,860	2,121	979	2,402	2,477	18,225	282,064	1,147	1,065	1,416	3,628
1968	274,000	2,346	983	2,561	2,466	16,165	298,521	988	3,732	1,427	6,147
1969	282,000	2,661	1,032	2,235	2,532	22,591	313,051	1,185	2,266	1,244	4,695
1970	292,000		1,110	1,695	2,121	18,736	315,662	956	2,165	749	3,870
1971	304,000		962	1,883	2,517	16,674	326,036	577	2,470	967	4,014
1972	387,880		1,099	2,077	2,290	18,081	411,427	710	1,694	3,291	5,695
1973	451,264		857	2,309	1,926	20,072	476,428	803	2,935	900	4,638
1974	498,313		1,087	2,564	1,559	15,632	519,155	801	2,508	2,196	5,505
1975	561,215		1,207	2,482	2,114	16,717	583,735	607	2,483	3,917	7,007
1976	615,498		927	2,403	2,574	16,756	638,158	886	3,188	5,608	9,682
1977	695,196		1,221	2,197	2,538	15,076	716,228	867	1,773	5,396	8,036
1978 ⁵	751,809		1,154	2,571	2,750	19,452	777,736	811	2,077	4,727	7,615

Year	Exports				Indicated domestic consumption				
	Corn sirup	Edible molasses and sirup, including maple ⁶	Honey	Total	Sirups			Honey	Total
					Corn	Maple	Cane and refiners sirup and edible molasses		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1964	1,632	205	760	2,597	237,200	2,212	10,275	20,980	270,667
1965	1,003		1,166	2,169	242,679	2,145	11,980	20,388	277,192
1966	1,038		1,219	2,257	251,299	2,414	11,040	19,990	284,743
1967	1,113		986	2,099	254,747	2,126	8,065	18,655	283,593
1968	1,541		684	2,225	272,459	1,971	11,105	16,908	302,443
1969	2,169		833	3,002	279,831	2,217	9,694	23,002	314,744
1970	1,324		688	2,012	290,676	2,066	5,981	18,797	317,520
1971	1,324		640	1,964	302,676	1,539	6,870	17,001	328,086
1972	1,205		346	1,551	386,675	1,809	6,061	21,026	415,571
1973	1,377		1,484	2,861	449,887	1,660	7,170	19,488	478,205
1974	1,736		386	2,122	496,577	1,888	6,631	17,442	522,538
1975	1,070		337	1,407	560,145	1,814	7,079	20,297	589,335
1976	1,674		396	2,070	613,824	1,813	8,165	21,968	645,770
1977	1,543		466	2,009	693,653	2,088	6,508	20,006	722,255
1978 ⁵	1,694		679	2,373	750,115	1,965	7,398	23,500	782,978

¹ Production of cane sirup and edible molasses is of the fall of the preceding year. Cane sirup discontinued beginning 1970.

² Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

³ U.S. Department of Commerce molasses and sugar sirups series, less liquid sugar imports reported to Sugar Division, Agricultural Stabilization and Conservation Service.

⁴ Unofficial estimates, 1968–71 and 1978; estimates for 1972–1977 from U.S. International Trade Commission Publication 881, April 1978. Corn sirup production includes high-fructose corn sirup beginning 1972.

⁵ Preliminary.

⁶ Assumed to be largely refiners sirup. Beginning 1965, data not available because of change in export classification.

Economics, Statistics, and Cooperatives Service—Economics.

Table 137.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1964–78

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1964	103,287	132,093	34,898	4,469	29,992	304,739	52,653	18,190	70,843
1965	84,722	116,589	36,915	8,564	26,740	273,530	51,861	21,104	72,965
1966	82,952	113,755	39,443	9,788	23,125	269,063	60,271	8,124	68,395
1967	97,206	99,826	37,936	17,291	20,400	272,659	55,662	5,619	61,281
1968	87,121	136,694	46,113	9,063	21,000	299,991	66,157	7,008	73,165
1969	74,139	155,700	42,700	13,732	21,000	307,271	48,430	4,778	53,208
1970	86,037	160,100	46,600	11,808	22,000	326,545	56,937	3,193	60,130
1971	88,609	161,159	43,474	10,215	22,000	325,457	50,111	1,452	51,563
1972	125,593	166,584	39,142	8,308	22,500	362,127	55,759	6,785	62,544
1973	112,360	158,138	44,900	9,837	23,000	348,235	51,025	.....	51,025
1974	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,537
1975	125,430	188,175	45,000	10,178	24,500	393,283	49,349	.....	49,349
1976	131,746	157,996	50,312	5,802	37,000	382,856	46,808	82	46,890
1977 ¹	114,651	172,627	50,668	5,183	39,700	382,829	42,144	.....	42,144
1978 ¹	112,432	160,000	44,558	4,250	38,200	359,440	51,589	.....	51,589

Year	United States imports from foreign countries					Mainland exports ²	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1964 .....	.....	32,591	86,404	147,426	266,421	4,339	637,664
1965 .....	.....	41,329	95,564	131,123	268,016	2,536	611,975
1966 .....	.....	47,533	99,312	167,312	314,157	1,586	650,029
1967	19,935	40,171	130,705	159,737	350,548	996	683,492
1968	17,862	28,914	94,335	226,980	368,091	3,077	738,170
1969	20,136	44,363	112,481	184,683	361,663	2,992	719,150
1970	32,633	34,325	81,387	233,514	381,859	1,447	767,087
1971	37,071	27,293	105,878	229,522	399,764	1,718	775,066
1972	42,944	45,871	116,437	201,594	406,846	3,082	828,435
1973	52,733	45,007	119,232	186,342	403,314	4,680	797,894
1974	62,061	31,395	110,726	180,095	384,277	12,645	755,251
1975	31,148	24,389	74,445	173,304	303,286	6,310	739,608
1976	45,798	27,513	79,810	258,073	411,194	11,215	829,725
1977 ¹	35,335	30,629	88,857	226,387	381,208	22,892	783,289
1978 ¹	9,220	27,842	97,606	161,563	296,331	20,290	686,970

¹ Preliminary.² Does not include exports from Hawaii and Puerto Rico.

Agricultural Marketing Service.

Table 138.—Tobacco: Area, yield, production, and value, United States, 1964–78

Year	Area harvested	Yield per acre	Production ¹	Season average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	1,077,810	2,067	2,227,932	59.2	1,318,945
1965	976,930	1,898	1,854,568	65.1	1,207,735
1966	971,890	1,939	1,884,627	70.9	1,252,351
1967	959,770	2,050	1,967,911	66.8	1,315,500
1968	879,280	1,945	1,710,348	69.5	1,188,610
1969	918,320	1,964	1,803,272	71.8	1,295,535
1970	898,330	2,122	1,906,453	72.9	1,389,311
1971	837,590	2,035	1,704,884	78.6	1,339,644
1972	842,420	2,076	1,749,085	83.0	1,451,275
1973	886,590	1,965	1,742,105	90.1	1,569,440
1974	962,620	2,067	1,989,728	108.6	2,159,875
1975	1,086,350	2,008	2,181,775	102.6	2,238,002
1976	1,044,520	2,045	2,135,829	112.5	2,403,723
1977	957,500	1,997	1,912,114	118.6	2,268,359
1978 ²	949,060	2,135	2,026,124	132.4	2,681,700

¹ Production figures are on farm-sales-weight basis.² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 139.—Tobacco: Area, yield, and production, by States, 1976–78

State	Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala	640	550	520	1,800	1,900	1,870	1,152	1,045	972
Conn	4,550	3,500	3,200	1,580	1,606	1,547	7,189	5,620	4,950
Fla	14,350	11,840	10,500	2,148	2,094	2,100	30,828	24,798	22,050
Ga	68,000	65,000	61,000	1,820	2,075	2,060	123,760	134,875	125,660
Ind	7,500	6,900	6,600	2,420	2,400	2,350	18,150	16,560	15,510
Ky	207,000	196,750	194,500	2,403	2,297	2,415	497,401	452,024	469,658
La	140	140	130	700	850	900	98	119	117
Md	23,000	23,000	23,000	1,300	1,310	1,400	29,900	30,130	32,200
Mass	1,210	1,160	1,030	1,525	1,643	1,416	1,845	1,906	1,458
Mo	2,400	2,600	2,400	2,190	2,385	2,280	5,256	6,201	5,472
N.C.	448,000	392,600	398,700	2,015	1,896	2,131	902,930	744,525	849,431
Ohio	11,100	10,200	9,900	2,103	2,162	2,258	23,343	22,053	22,350
Pa	13,500	13,500	13,000	1,750	1,940	1,940	23,625	26,190	25,220
S.C.	75,000	68,000	71,000	2,045	2,040	2,120	153,375	138,720	150,520
Tenn	68,450	68,460	66,850	2,040	1,997	2,126	139,668	136,746	142,099
Va	86,780	79,700	73,130	1,773	1,794	1,848	153,878	142,985	135,157
W.Va	1,800	1,600	1,500	1,790	2,020	1,800	3,222	3,232	2,700
Wis	11,100	12,000	12,100	1,821	2,032	1,702	20,209	24,385	20,600
U.S.	1,044,520	957,500	949,060	2,045	1,997	2,135	2,135,829	1,912,114	2,026,124

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 140.—Tobacco: Area, yield per hectare, and production in specified countries, 1976–78

Continent and country	Area harvested			Yield per hectare			Production ²		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:									
Canada	38,254	43,971	48,656	2,343	2,371	2,358	89,641	104,275	114,747
Costa Rica	2,334	2,246	2,244	1,272	1,419	1,430	2,970	3,186	3,210
Cuba	68,798	60,000	60,000	771	750	767	53,071	45,000	46,000
Dominican Republic	24,870	28,200	40,100	1,386	1,372	1,424	34,472	38,700	57,100
El Salvador	1,464	1,379	1,300	1,740	1,431	1,462	2,548	1,974	1,900
Guatemala	5,222	5,403	5,298	1,502	1,581	1,449	8,896	8,543	7,679
Haiti	251	312	320	1,088	1,247	1,250	273	389	400
Honduras	3,800	4,373	5,722	1,658	1,411	1,161	6,300	6,169	6,645
Jamaica	779	696	689	1,308	1,118	1,546	1,019	778	1,065
Mexico	39,423	37,600	43,900	1,632	1,710	1,549	64,340	64,300	68,000
Nicaragua	1,114	1,756	1,800	1,403	1,582	1,667	1,563	2,778	3,000
Panama	850	950	1,000	1,465	1,514	1,500	1,245	1,438	1,500
Trinidad-Tobago	300	94	95	997	1,691	1,684	299	159	160
United States (incl. Puerto Rico)	417,519	388,628	83,613	2,263	2,237	2,374	944,776	869,251	910,861
Total	605,678	575,608	594,737	2,000	1,993	2,055	1,211,413	1,146,940	1,222,267
South America:									
Argentina	88,000	75,000	74,900	1,060	1,100	830	93,267	82,530	62,141
Brazil	241,040	261,000	256,000	1,050	1,188	1,285	253,024	310,000	329,000
Bolivia	2,200	2,005	2,100	1,182	1,132	1,095	2,600	2,270	2,300
Chile	4,240	3,931	4,189	1,840	2,055	2,148	7,800	8,080	9,000
Colombia	31,800	33,183	32,592	1,381	1,762	1,915	43,900	58,461	62,425
Ecuador	1,720	1,182	1,200	1,098	1,528	1,583	1,888	1,806	1,900
Guyana	53	96	95	2,189	938	947	116	90	90
Paraguay	29,350	21,100	21,000	1,128	1,265	1,238	33,113	26,700	26,000
Peru	5,100	2,600	2,900	980	1,227	1,241	5,000	3,190	3,600
Uruguay	1,050	998	1,100	1,429	1,430	1,409	1,500	1,427	1,550
Venezuela	11,300	10,727	10,000	1,416	1,407	1,500	16,000	15,089	15,000
Total	415,853	411,822	406,076	1,102	1,238	1,263	458,208	509,643	513,006
Europe:									
Belgium	500	469	480	3,200	3,339	3,200	1,600	1,566	1,536
France	21,705	22,053	20,393	2,608	1,976	2,697	56,600	43,586	55,000
Germany, Fed. Rep. of	3,885	3,760	3,630	2,522	2,336	2,462	8,937	8,783	8,936
Italy	59,740	58,808	57,440	1,818	1,865	1,877	108,600	109,706	107,840
Total EC	85,830	85,090	81,943	2,058	1,923	2,115	176,598	163,641	173,312
Austria	236	245	250	2,373	2,367	2,360	560	580	590
Canary Islands	511	90	100	1,121	1,067	1,420	573	96	142
Greece	120,569	104,491	104,009	1,050	1,138	1,091	126,630	118,938	113,470
Portugal (incl. Azores)	830	799	850	1,051	1,243	1,235	872	993	1,050
Spain	17,028	14,624	17,330	1,644	1,474	1,829	28,000	21,556	31,700
Switzerland	796	739	740	2,261	1,691	2,162	1,800	1,250	1,600
Total Western Europe	225,800	206,078	205,222	1,484	1,490	1,568	335,033	307,054	321,864
Albania	24,000	24,000	24,000	542	542	542	13,000	13,000	13,000
Bulgaria	120,000	122,000	124,000	1,208	967	1,371	145,000	118,000	170,000
Czechoslovakia	3,700	3,600	3,500	1,432	1,361	1,543	5,300	4,900	5,400
Germany, Dem. Rep. of	4,500	2,900	2,900	1,556	1,793	1,724	7,000	5,200	5,000
Hungary	16,000	16,000	16,500	1,000	1,513	1,515	16,000	24,200	25,000
Poland	59,400	54,893	43,747	1,686	1,593	1,419	100,160	87,450	62,085
Romania	54,000	51,000	50,000	833	922	900	45,000	47,000	45,000
Yugoslavia	66,000	65,377	58,000	1,227	1,055	1,034	81,000	69,000	60,000
Total Eastern Europe	347,600	339,770	322,647	1,187	1,085	1,195	412,460	368,750	385,485
Total Europe	573,400	545,848	527,869	1,304	1,238	1,340	747,493	675,804	707,349
Soviet Union	183,000	182,000	182,000	1,585	1,659	1,648	290,000	302,000	300,000
Africa:									
Algeria	10,700	9,000	9,100	561	444	451	6,000	4,000	4,100
Angola	6,000	3,000	3,000	1,142	1,000	1,000	6,850	3,000	3,000
Burundi-Rwanda	2,023	2,000	2,000	785	800	800	1,588	1,600	1,600
Cameroun	6,900	6,900	6,900	870	870	870	6,000	6,000	6,000
Congo, Republic of	4,000	4,000	4,100	425	425	439	1,700	1,700	1,800
Ghana	3,541	1,300	1,330	1,022	603	602	3,619	784	800
Ivory Coast	8,400	8,400	8,500	298	298	353	2,500	2,500	3,000
Kenya	840	2,862	2,900	298	573	586	250	1,639	1,700
Libya	932	930	950	1,606	1,613	1,632	1,497	1,500	1,550
Madagascar	5,575	5,880	5,900	1,166	894	898	6,500	5,255	5,300

See footnotes at end of table.

Table 140.—Tobacco: Area, yield per hectare, and production in specified countries, 1976–78—Continued

Continent and country	Area harvested			Yield per hectare			Production ²		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Africa—Continued									
Malawi	64,380	72,000	81,904	592	742	678	38,137	53,400	55,509
Mauritius	397	400	450	1,562	1,550	1,444	620	620	650
Morocco	3,500	4,662	5,450	1,143	1,024	1,156	4,000	4,776	6,300
Mozambique	2,520	2,500	2,600	1,071	1,080	1,077	2,700	2,700	2,800
Nigeria	27,702	19,200	25,250	501	534	545	13,883	10,245	13,750
Sierra Leone	229	324	325	1,341	1,120	1,123	307	363	365
Southern Rhodesia	44,250	53,000	40,000	1,923	1,566	1,400	85,100	83,000	56,000
South Africa	38,731	45,628	46,000	846	915	1,058	32,760	41,739	48,668
Tanzania	29,100	27,150	30,800	543	783	784	15,800	21,262	24,150
Tunisia	3,000	4,020	4,000	1,333	1,091	1,100	4,000	4,387	4,400
Uganda	2,550	2,600	3,000	784	769	833	2,000	2,000	2,500
Zambia	8,485	5,900	5,200	877	1,000	770	7,442	5,900	4,004
Zaire	2,960	3,252	3,880	760	520	708	2,250	1,691	2,747
Total	276,715	284,908	293,539	887	913	854	245,503	260,061	250,693
Asia:									
Bangladesh	45,625	68,053	45,801	975	934	886	44,462	63,530	40,557
Burma	64,347	64,000	64,000	1,163	1,172	1,172	74,844	75,000	75,000
China: Mainland	780,000	780,000	780,000	1,256	1,250	1,250	980,000	975,000	975,000
Taiwan	8,000	9,992	8,552	2,250	2,471	2,588	18,000	24,695	22,129
Cyprus	1,700	599	936	500	574	588	850	344	550
India	380,000	431,600	475,000	1,000	960	905	380,000	414,200	430,000
Indonesia	172,000	181,500	149,100	465	418	471	80,000	75,900	70,300
Iran	14,069	13,226	20,745	1,065	1,227	1,157	14,980	16,227	24,012
Iraq	17,400	16,800	16,500	600	571	576	10,432	9,600	9,500
Israel	1,400	1,000	1,000	893	800	800	1,250	800	800
Japan	63,278	64,246	63,617	2,611	2,697	2,713	165,220	173,249	172,600
Jordan	4,900	3,270	3,070	296	262	267	1,450	857	820
Kampuchea	12,140	12,000	14,000	598	608	629	7,257	7,300	8,800
Korea, Dem. Peo. Rep.	26,000	28,000	30,000	769	821	833	20,000	23,000	25,000
Korea, Rep. of	54,745	62,802	64,410	1,980	2,301	2,150	108,408	144,532	138,494
Laos	6,879	7,000	7,000	587	586	586	4,037	4,100	4,100
Lebanon	7,500	3,500	4,000	1,373	1,429	1,375	10,300	5,000	5,500
Malaysia	12,141	9,499	12,372	523	766	784	6,351	7,275	9,700
Pakistan	40,772	50,512	56,449	1,742	1,437	1,446	71,033	72,580	81,648
Philippines	111,400	110,000	104,000	799	766	762	89,002	84,300	79,245
Singapore	274	321	350	1,336	1,402	1,429	366	450	500
Sri Lanka	9,915	13,886	14,650	664	813	814	6,579	11,284	11,930
Syria	24,450	15,348	14,300	717	749	769	17,542	11,500	11,000
Thailand	146,655	151,100	152,040	497	460	443	72,881	69,459	67,350
Turkey	400,000	270,394	285,000	651	907	1,019	260,200	245,232	290,300
Vietnam	14,000	15,000	20,000	1,286	1,333	1,250	18,000	20,000	25,000
Total	2,419,590	2,383,648	2,406,892	1,018	1,064	1,072	2,463,444	2,535,414	2,579,835
Oceania									
Australia	9,400	9,404	8,845	1,660	1,789	1,786	15,600	16,820	15,800
New Zealand	1,780	1,775	1,770	1,886	1,801	2,034	3,357	3,197	3,600
Total	11,180	11,179	10,615	1,698	1,791	1,828	18,957	20,017	19,400
World total	4,485,416	4,395,013	4,421,728	1,212	1,240	1,265	5,435,018	5,449,879	5,592,550

¹ Preliminary.² Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1970–78 (farm-sales-weight basis)

Type and crop year	Area	Yield per acre	Pro-duction	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Total flue-cured, types 11–14:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1970	584,070	2,042	1,192,961	1,972,431	3,165,392	³ 1,173,441	533,998	639,443	72.0
1971	525,790	2,050	1,077,790	1,976,459	3,054,249	³ 1,142,583	480,039	662,544	77.2
1972	513,620	1,971	1,012,417	1,910,176	2,932,256	³ 1,182,962	518,810	664,152	85.3
1973	575,130	2,011	1,156,659	1,749,294	2,908,286	³ 1,301,002	598,048	702,954	88.1
1974	616,330	2,014	1,241,327	1,607,284	2,905,953	³ 1,200,428	548,293	652,135	105.0
1975	717,200	1,973	1,415,035	1,651,965	3,067,000	³ 1,193,078	522,454	670,624	99.8
1976	666,640	1,974	1,316,257	1,898,281	3,214,538	³ 1,148,233	514,228	634,005	110.4
1977	589,250	1,917	1,129,710	2,074,975	3,204,685	³ 1,147,254	539,069	608,185	117.6
1978 ⁴	589,020	2,090	1,231,222	2,051,906	3,283,128	.....	.....	.....	135.0
Total fire-cured, types 21–23:	22,680	1,635	37,074	73,639	110,713	48,500	32,971	15,529	54.0
1970	24,510	1,775	43,511	62,213	105,724	41,243	22,193	19,050	60.0
1971	25,190	1,677	42,248	64,481	106,729	41,844	26,363	15,481	58.1
1972	21,320	1,566	33,385	64,885	98,270	46,070	28,661	17,409	72.3
1973	21,190	1,504	31,867	52,200	84,067	35,990	20,791	15,199	91.2
1974	23,380	1,601	37,435	48,077	85,512	35,489	21,927	13,562	103.2
1975	26,500	1,453	38,516	50,023	88,539	40,646	27,503	13,143	138.9
1976	32,760	1,598	52,366	47,893	100,259	40,581	20,433	20,148	127.3
1977	33,200	1,755	58,260	59,678	117,938	.....	.....	.....	111.4
1978 ⁴ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia fire-cured, type 21:	5,000	1,230	6,150	9,797	15,947	6,988	4,635	2,353	52.0
1970	5,000	1,180	5,900	8,959	14,859	6,593	3,501	3,092	54.8
1971	4,800	970	4,656	8,266	12,922	5,294	4,066	1,922	64.2
1972	4,700	1,205	5,664	7,628	13,292	6,191	4,455	1,736	75.5
1973	5,000	1,185	5,925	7,101	13,026	5,697	4,986	711	81.7
1974	5,000	975	4,875	7,329	12,204	4,766	3,381	1,385	93.0
1975	5,300	1,000	5,300	7,438	12,738	6,080	4,095	1,985	118.0
1976	7,200	1,000	7,200	6,658	13,858	5,189	2,409	2,780	96.3
1977	6,200	1,120	6,832	8,669	15,501	.....	.....	.....	94.5
1978 ⁴ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky and Tennessee fire-cured, types 22–23:	17,680	1,749	30,924	63,842	94,766	41,512	28,336	13,176	54.4
1970	19,510	1,928	37,611	53,254	90,865	34,650	18,691	15,959	60.8
1971	20,390	1,844	37,592	56,215	93,807	36,550	22,297	14,253	57.3
1972	16,620	1,668	27,721	57,257	84,978	39,879	24,206	15,673	71.7
1973	16,190	1,734	25,942	45,099	71,041	30,293	15,805	14,488	93.4
1974	16,380	1,772	32,560	40,748	73,308	30,723	18,546	12,177	104.7
1975	21,200	1,567	33,216	42,585	75,801	34,566	23,408	11,158	142.2
1976	25,560	1,767	45,166	41,235	86,401	35,392	18,024	17,368	132.3
1977	27,100	1,898	51,428	51,009	102,437	.....	.....	.....	113.6
1978 ⁴ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burley, type 31:	216,400	2,590	560,545	1,342,703	1,903,248	557,418	54,414	503,004	72.2
1970	213,500	2,213	472,576	1,345,830	1,818,406	569,937	54,729	515,208	80.9
1971	235,550	2,552	601,006	1,248,469	1,849,475	³ 609,629	75,616	534,013	79.2
1972	222,100	2,028	450,416	1,229,175	1,679,591	³ 619,223	86,759	532,464	92.9
1973	260,750	2,350	612,649	1,070,665	1,683,314	³ 586,718	67,902	518,816	113.7
1974	278,150	2,265	639,056	1,094,385	1,733,441	³ 602,271	92,422	509,849	105.5
1975	285,800	2,376	678,976	1,160,102	1,839,078	³ 617,428	116,835	500,593	114.2
1976	268,600	2,298	617,280	1,217,225	1,834,505	³ 611,318	116,489	494,829	120.0
1977	261,000	2,399	626,263	1,218,439	1,844,702	.....	.....	.....	131.0
1978 ⁴ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland, type 32:	27,000	1,090	29,430	61,961	91,391	39,545	11,903	27,642	78.6
1970	27,000	1,040	28,080	51,846	79,926	25,456	7,998	17,458	81.9
1971	24,000	990	23,760	54,470	78,230	25,548	12,122	13,426	84.5
1972	25,800	1,260	35,027	52,682	87,709	25,998	12,345	13,653	90.5
1973	26,000	1,260	32,753	61,711	94,464	33,458	8,474	24,984	92.8
1974	22,166	950	21,058	61,006	82,064	33,435	9,677	23,758	109.0
1975	23,000	1,300	29,900	48,629	78,259	³ 29,676	12,469	17,207	110.0
1976	23,000	1,310	30,130	48,766	78,896	³ 28,060	9,408	18,652	115.1
1977	23,000	1,400	32,200	50,606	82,806	28,290	.....	18,882	(⁵)
1978 ⁴ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes at end of table.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1970–78 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Pro-duction	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Total dark air-cured, types 35–37:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1970	9,250	1,780	16,466	57,018	73,484	20,504	2,801	17,703	46.5
1971	9,450	1,774	16,763	52,980	69,743	20,555	2,131	18,424	47.5
1972	9,050	1,798	16,273	49,188	65,461	17,542	2,471	15,071	50.7
1973	8,250	1,619	13,358	47,919	61,277	21,414	3,098	18,316	62.4
1974	7,680	1,623	12,465	39,863	52,328	17,203	3,106	14,097	77.2
1975	8,680	1,690	14,670	35,125	49,795	19,511	2,775	16,736	89.6
1976	9,930	1,595	15,836	30,284	46,120	18,294	2,381	15,913	116.1
1977	11,950	1,772	21,186	27,826	49,006	16,812	2,569	14,243	117.0
1978 ⁴	11,980	1,923	23,034	32,194	55,228	.....	.....	.....	100.4
One sucker, type 35:									
1970	5,850	1,868	10,926	34,308	45,234	13,216	2,049	11,167	47.5
1971	6,100	1,840	11,224	32,018	43,242	13,825	1,674	12,151	47.3
1972	5,750	1,842	10,590	29,417	40,007	11,977	2,004	9,973	51.6
1973	5,300	1,633	8,654	28,030	36,684	13,567	2,643	10,924	61.2
1974	4,850	1,588	7,701	23,117	30,818	11,741	2,576	9,165	75.2
1975	5,550	1,732	9,611	19,077	28,688	13,144	2,457	10,687	90.5
1976	6,600	1,590	10,493	15,544	26,037	11,836	2,062	9,774	115.8
1977	7,900	1,844	14,571	14,201	28,772	12,467	1,999	10,468	117.7
1978 ⁴	8,100	2,000	16,200	16,305	32,505	.....	.....	.....	100.8
Green River, type 36:									
1970	2,400	1,850	4,440	19,383	23,823	6,007	508	5,499	42.5
1971	2,450	1,820	4,459	17,816	22,275	5,503	273	5,230	46.4
1972	2,500	1,950	4,875	16,772	21,647	4,962	253	4,709	47.4
1973	2,250	1,680	3,780	16,685	20,465	6,693	220	6,473	63.5
1974	2,150	1,800	3,870	13,772	17,642	3,885	268	3,617	80.1
1975	2,400	1,825	4,380	13,757	18,137	5,469	140	5,329	88.3
1976	2,650	1,730	4,585	12,668	17,253	5,395	65	5,330	118.5
1977	3,250	1,760	5,785	11,858	17,643	3,588	443	3,145	117.8
1978 ⁴	3,150	1,890	5,954	14,055	20,009	.....	.....	.....	101.0
Virginia sun-cured, type 37:									
1970	1,000	1,100	1,100	3,327	4,427	1,281	244	1,037	53.8
1971	900	1,200	1,080	3,146	4,226	1,227	184	1,043	54.1
1972	800	1,010	808	2,999	3,807	603	214	389	57.9
1973	700	1,320	924	3,204	4,128	1,154	235	919	69.2
1974	680	1,315	894	2,974	3,868	1,577	262	1,315	82.1
1975	750	1,150	679	2,291	2,970	898	188	710	85.5
1976	680	1,115	758	2,072	2,830	1,063	254	809	105.0
1977	800	1,030	824	1,767	2,591	757	127	630	100.0
1978 ⁴	730	1,205	880	1,834	2,714	.....	.....	.....	88.8
Total continental cigar filler, types 41–44:									
1970	18,650	1,796	33,488	106,286	139,744	44,938	224	44,714	31.6
1971	17,250	1,639	28,265	94,836	123,101	45,887	376	45,511	36.7
1972	15,350	1,458	22,383	77,214	99,597	39,047	312	38,735	45.6
1973	15,200	1,659	25,224	60,550	85,774	32,407	759	31,648	51.9
1974	15,000	1,937	29,060	53,367	82,427	27,344	277	27,067	58.1
1975	13,800	1,651	22,788	55,083	78,871	25,387	385	25,002	58.3
1976	15,300	1,726	26,415	52,484	78,899	23,184	377	22,807	59.9
1977	15,000	1,946	29,190	55,715	84,905	23,824	276	23,824	60.2
1978 ⁴	14,400	1,946	28,020	61,081	89,101	.....	.....	23,548	62.2
Pennsylvania seedleaf filler, type 41:									
1970	17,000	1,800	30,600	97,266	127,866	40,868	224	40,644	31.0
1971	15,200	1,610	24,472	86,998	111,470	41,291	376	40,915	36.0
1972	13,000	1,400	18,200	70,179	88,379	34,659	312	34,347	46.0
1973	13,000	1,700	22,100	53,720	75,820	28,307	759	27,548	52.0
1974	13,000	2,000	26,000	47,513	73,513	24,302	277	24,025	58.0
1975	12,000	1,650	19,800	49,211	69,011	22,223	385	21,838	58.0
1976	13,500	1,750	23,625	46,788	70,413	20,672	377	20,295	60.0
1977	13,500	1,940	26,190	49,741	75,931	21,846	276	21,570	60.0
1978 ⁴	13,000	1,940	25,220	54,085	79,305	.....	.....	.....	62.0

See footnotes at end of table.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1970–78 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Pro-duction	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Miami Valley (Ohio) filler, types 42–44:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1970	1,650	1,750	2,888	9,020	11,908	4,070	.....	4,070	38.0
1971	2,650	1,850	3,793	7,838	11,631	4,596	.....	4,596	41.0
1972	2,350	1,780	4,183	7,035	11,218	4,388	.....	4,388	44.0
1973	2,200	1,420	3,124	6,830	9,954	4,100	.....	4,100	51.0
1974	2,000	1,530	3,060	5,854	8,914	3,042	.....	3,042	59.0
1975	1,800	1,660	2,988	5,872	8,860	3,164	.....	3,164	60.0
1976	1,800	1,550	2,790	5,696	8,486	2,512	.....	2,512	59.0
1977	1,500	2,000	3,000	5,974	8,974	1,978	.....	1,978	62.0
1978 ⁴	1,400	2,000	2,800	6,996	9,796	.....	.....	.....	64.0
Puerto Rican filler, type 46: ⁶									
1970	3,200	1,397	4,471	19,283	23,754	8,770	.....	8,770	36.1
1971	4,806	1,400	6,728	14,984	21,712	9,041	.....	9,041	39.8
1972	5,635	843	4,752	12,671	17,423	8,231	.....	8,231	42.1
1973	4,500	1,444	6,500	9,192	15,692	5,646	.....	5,646	41.2
1974	2,650	1,477	3,914	10,046	13,960	7,861	.....	7,861	44.5
1975	3,225	1,343	4,330	6,099	10,429	3,207	.....	3,207	49.7
1976	3,200	1,272	4,069	7,222	11,291	4,911	.....	4,911	57.6
1977	2,300	1,705	3,922	6,380	10,302	3,870	.....	3,870	60.2
1978 ⁴	2,300	1,478	3,400	6,432	9,832	.....	.....	.....	.....
Total cigar binder, types 51–55:									
1970	10,470	2,041	21,368	42,252	63,620	19,326	343	18,983	53.1
1971	12,210	2,075	25,332	44,294	69,626	22,973	96	22,877	56.1
1972	12,360	1,714	21,187	46,653	67,840	21,362	109	21,253	51.3
1973	11,760	1,841	21,647	46,478	68,125	25,282	101	25,181	62.2
1974	10,860	1,934	21,007	42,843	63,850	22,044	207	21,837	76.0
1975	12,520	1,851	23,175	41,806	64,981	21,460	274	21,186	76.9
1976	12,610	1,795	22,633	43,521	66,154	21,814	159	21,655	76.5
1977	13,380	2,007	26,847	44,340	71,187	21,169	144	21,025	88.4
1978 ⁴	13,620	1,706	23,235	50,018	73,253	.....	.....	.....	105.5
Connecticut Valley broadleaf, type 51:									
1970	1,300	1,700	2,210	4,312	6,522	2,137	273	1,864	67.0
1971	1,300	1,670	2,171	4,385	6,556	1,404	95	1,309	67.0
1972	1,300	1,550	2,015	5,152	7,167	1,805	103	1,702	72.0
1973	1,350	1,700	2,295	5,362	7,657	2,780	98	2,682	73.0
1974	1,300	1,700	2,210	4,877	7,087	2,592	206	2,386	82.0
1975	1,350	1,550	2,093	4,495	6,588	3,251	176	3,075	92.0
1976	1,350	1,580	2,133	3,337	5,470	1,971	149	1,822	90.0
1977	1,200	1,770	2,124	3,499	5,623	1,702	36	1,666	125.0
1978 ⁴	1,350	1,700	2,295	3,921	6,216	.....	.....	.....	150.0
Connecticut Valley Havana Seed, type 52:									
1970	370	1,950	722	2,699	3,421	655	.....	655	61.0
1971	310	2,050	636	2,766	3,402	1,116	.....	1,116	61.0
1972	260	1,850	481	2,286	2,767	644	.....	644	62.0
1973	210	1,850	389	2,123	2,512	391	.....	391	72.0
1974	160	2,040	326	2,121	2,447	776	.....	776	82.0
1975	170	1,650	281	1,671	1,952	1,030	.....	1,030	98.0
1976	160	1,819	291	922	1,213	368	.....	368	87.0
1977	180	1,880	338	845	1,183	184	.....	184	98.0
1978 ⁴	170	2,000	340	999	1,339	.....	.....	.....	110.0
Southern Wisconsin, type 54:									
1970	4,400	2,135	9,394	16,685	26,079	7,323	.....	7,323	50.3
1971	5,300	2,270	12,031	18,756	30,787	10,531	.....	10,531	55.6
1972	5,000	1,685	8,425	20,256	28,681	9,234	.....	9,234	48.0
1973	4,900	1,950	9,555	19,447	29,002	10,078	.....	10,078	60.5
1974	4,700	2,060	9,682	18,924	28,606	8,795	.....	8,795	74.9
1975	5,600	1,945	10,892	19,811	30,703	7,454	.....	7,454	75.1
1976	5,600	1,890	10,584	23,249	33,833	10,066	.....	10,066	74.7
1977	6,200	2,020	12,524	23,767	36,281	10,244	.....	10,244	84.6
1978 ⁴	6,200	1,800	11,160	26,047	37,207	.....	.....	.....	100.5

See footnotes at end of table.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1970–78 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Pro-duction	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Northern Wisconsin type 55:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1970	4,400	2,055	9,042	18,556	27,598	9,211	70	9,141	52.0
1971	5,300	1,980	10,494	18,387	28,881	9,922	1	9,921	54.0
1972	5,800	1,770	10,266	18,959	29,225	9,679	6	9,673	49.0
1973	5,300	1,775	9,408	19,546	28,954	12,033	3	12,030	60.7
1974	4,700	1,870	8,789	16,921	25,710	9,881	1	9,880	75.4
1975	5,400	1,835	9,909	15,829	25,738	9,725	98	9,627	75.1
1976	5,500	1,750	9,625	16,013	25,638	9,409	10	9,399	75.2
1977	5,800	2,045	11,861	16,229	28,090	9,039	108	8,931	85.5
1978 ⁴	5,900	1,600	9,440	19,051	28,491	.....	.....	.....	100.5
Total cigar wrapper, types 61–62:									
1970	9,600	1,555	14,932	21,420	36,352	14,343	1,873	12,470	350.9
1971	7,680	1,614	12,397	22,009	34,406	14,586	3,475	11,111	347.5
1972	7,100	1,365	9,691	19,820	29,511	11,784	3,242	8,542	387.1
1973	7,630	1,280	9,799	17,727	27,493	12,456	2,383	10,073	452.2
1974	6,650	1,652	10,988	15,037	26,025	10,383	4,354	6,029	536.1
1975	5,470	1,409	7,706	15,642	23,348	9,796	4,227	5,569	585.7
1976	4,600	1,565	7,198	13,552	20,750	7,602	3,759	3,843	528.2
1977	3,420	1,547	5,292	13,148	18,440	5,736	4,753	983	591.4
1978 ⁴	2,710	1,392	3,773	12,704	16,477	.....	.....	.....	750.0
Connecticut Valley shadegrown, type 61:									
1970	6,050	1,535	9,287	12,239	21,526	7,638	981	6,657	400.0
1971	4,700	1,635	7,683	13,888	21,571	8,403	2,702	5,701	400.0
1972	4,050	1,250	5,063	13,168	18,231	7,486	2,804	4,682	485.0
1973	5,000	1,210	6,050	10,745	16,795	8,292	1,853	6,439	515.0
1974	4,800	1,625	7,798	8,503	16,301	6,831	3,904	2,927	600.0
1975	4,350	1,371	5,963	9,470	15,433	7,889	3,783	4,106	640.0
1976	4,250	1,555	6,610	7,544	14,154	5,236	3,336	1,900	540.0
1977	3,280	1,544	5,064	8,918	13,982	4,707	4,213	494	600.0
1978 ⁴	2,710	1,392	3,773	9,275	13,048	.....	.....	.....	750.0
Georgia-Florida shadegrown type 62:									
1970	3,550	1,590	5,645	9,181	14,826	6,705	892	5,813	270.0
1971	3,980	1,582	4,714	8,121	12,835	6,183	773	5,410	262.0
1972	3,050	1,517	4,628	6,652	11,280	4,298	437	3,860	280.0
1973	2,630	1,413	3,716	6,982	10,698	4,164	530	3,634	350.0
1974	1,850	1,724	3,190	6,534	9,724	3,552	450	3,102	380.0
1975	1,120	1,556	1,743	6,172	7,915	1,907	444	1,463	400.0
1976	350	1,680	588	6,008	6,596	2,366	423	1,943	395.0
1977	140	1,630	228	4,230	4,458	1,029	540	489	400.0
1978 ⁴	0	0	0	3,429	3,429	.....	.....	.....	.....
Total tobacco, types 11–72:⁷									
1970	901,530	2,120	1,910,924	3,697,612	5,608,536	1,926,917	638,699	1,228,218	72.8
1971	842,396	2,032	1,711,612	3,666,127	5,377,739	1,892,156	571,260	1,320,896	78.5
1972	848,055	2,068	1,754,032	3,484,090	5,238,122	1,955,344	639,217	1,316,127	83.0
1973	893,367	1,958	1,752,132	3,278,565	5,030,697	2,089,788	732,351	1,357,437	90.1
1974	967,270	2,064	1,996,155	2,953,539	4,949,694	1,941,595	653,586	1,288,009	108.6
1975	1,089,575	2,006	2,185,313	3,009,670	5,194,983	1,943,717	654,245	1,289,472	102.6
1976	1,044,520	2,045	2,135,829	3,304,557	5,440,386	1,911,814	677,816	1,233,998	112.5
1977	969,800	1,976	1,916,036	3,536,799	5,453,835	1,898,949	693,193	1,205,756	118.6
1978 ⁴	951,360	2,133	2,029,524	3,543,613	5,573,137	.....	.....	.....	132.1

¹ July 1 for flue-cured types 11–14 and cigar types 61 and 62; Oct. 1 for all other types.

² Exports by rehandling trade included in totals of types from which they are made.

³ Disappearance adjusted for tobacco still on farms at end of marketing year.

⁴ Preliminary.

⁵ Evaluated at 122.2 cents per pound.

⁶ Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

⁷ Includes Perique.

Economics, Statistics, and Cooperatives Service—Economics. Basic export data from the official reports of the Department of Commerce.

Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1975–79 (farm-sales-weight basis)¹

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Flue-cured, types 11–14:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Miami Valley (Ohio) filler, types 42–44:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1975	2,216,690	1,932,464	1,651,965	2,230,934	1975	5,044	7,542	6,683	5,872
1976	2,443,455	2,089,415	1,873,530	2,468,230	1976	4,805	7,029	6,334	5,696
1977	2,595,898	2,305,093	2,074,975	2,534,951	1977	4,694	6,939	6,596	5,974
1978	2,578,694	2,276,212	2,051,906	2,529,503	1978	5,415	8,166	7,786	6,996
1979	2,599,609				1979	6,566			
Virginia fire- cured, type 21:					Puerto Rican filler, type 46: ²				
1975	7,998	9,705	8,852	7,329	1975	5,966	7,518	9,360	6,099
1976	8,514	9,629	8,582	7,438	1976	6,061	6,006	5,602	7,222
1977	8,053	8,649	8,381	6,658	1977	6,890	8,565	7,133	6,380
1978	8,746	12,644	10,529	8,669	1978	4,556	4,695	5,675	6,432
1979	9,728				1979	3,721			
Kentucky and Tennessee fire-cured, type 22:					Connecticut Valley Broadleaf, Type 51:				
1975	34,655	48,111	42,547	36,137	1975	4,625	4,942	5,155	4,495
1976	28,950	51,928	45,185	38,270	1976	4,100	4,259	3,835	3,337
1977	32,651	45,169	42,123	34,906	1977	3,324	3,788	3,747	3,499
1978	28,677	54,045	52,298	43,590	1978	3,938	4,091	4,471	3,921
1979	33,051				1979	4,333			
Kentucky and Tennessee fire-cured, type 23:					Connecticut Valley Havana Seed, type 52:				
1975	4,064	6,477	5,384	4,611	1975	2,080	2,234	2,161	1,671
1976	3,553	6,505	5,557	4,315	1976	1,686	1,414	1,367	922
1977	4,560	6,962	8,837	6,329	1977	1,148	1,068	885	845
1978	4,350	10,120	11,886	7,419	1978	1,114	1,195	983	999
1979	4,678				1979	972			
Burley, type 31:					Southern Wisconsin, type 54:				
1975	1,314,301	1,373,888	1,223,632	1,094,385	1975	16,911	25,031	22,248	19,811
1976	1,345,529	1,420,491	1,265,480	1,130,992	1976	17,278	25,394	23,070	23,249
1977	1,398,627	1,501,753	1,375,385	1,217,225	1977	20,728	29,153	26,971	23,767
1978	1,494,960	1,491,317	1,353,189	1,218,439	1978	21,797	30,321	28,096	26,047
1979	1,489,696				1979	26,037			
Maryland, type 32:					Northern Wisconsin, type 55:				
1975	51,703	45,387	67,284	61,006	1975	15,355	20,214	17,894	15,829
1976	53,634	48,863	57,762	48,629	1976	16,290	22,534	20,934	16,013
1977	41,859	37,988	54,248	48,766	1977	13,539	18,822	18,098	16,229
1978	45,325	40,756	63,353	50,606	1978	17,178	23,435	22,255	19,051
1979	41,877				1979	17,793			
One Sucker, type 35:					Connecticut Valley shade- grown, type 61:				
1975	21,352	24,340	22,377	19,077	1975	11,517	12,220	9,470	10,158
1976	18,928	20,727	19,453	15,544	1976	11,493	10,138	7,544	8,829
1977	16,175	18,398	17,771	14,201	1977	10,662	10,948	8,917	9,492
1978	16,557	19,966	18,391	16,305	1978	8,455	9,915	9,275	7,747
1979	16,777				1979	8,535			
Green River, type 36:					Georgia and Florida Shade- grown, type 62:				
1975	13,533	16,327	15,351	13,757	1975	7,275	7,121	6,172	5,978
1976	13,389	16,301	14,018	12,668	1976	7,898	6,290	6,008	5,337
1977	11,308	14,318	14,010	11,858	1977	4,993	3,934	4,230	4,263
1978	12,776	19,876	18,297	14,055	1978	3,962	3,655	3,429	3,114
1979	14,171				1979	2,566			
Virginia sun- cured, type 37:					Perique, type 72:				
1975	3,086	2,672	2,464	2,291	1975	711	484	561	482
1976	2,294	2,318	2,210	2,072	1976	546	553	501	459
1977	2,186	2,140	2,089	1,767	1977	593	574	529	531
1978	1,944	2,047	1,947	1,834	1978	545	593	558	555
1979	2,319				1979	511			
Pennsylvania Seedleaf, type 41:									
1975	41,047	57,420	54,569	49,211					
1976	43,726	58,344	52,119	46,788					
1977	42,948	56,739	53,368	49,741					
1978	45,648	64,991	57,037	54,085					
1979	53,158								

See footnotes at end of table.

Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1975–79 (farm-sales-weight basis) ¹—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Other miscellaneous domestic, type 73:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Foreign-grown cigarette and smoking tobacco, types 91–93: ³	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1975	6,782	6,095	6,046	6,719	1975	547,994	567,410	622,505	568,538
1976	5,872	6,379	6,443	6,089	1976	568,430	628,348	618,995	646,447
1977	5,983	5,596	5,250	4,777	1977	637,256	598,783	591,878	605,764
1978	5,063	4,709	4,273	5,890	1978	598,403	603,675	627,713	610,951
1979	6,073	.....	.....	.....	1979	636,196	.....	.....	.....
Foreign-grown cigar-leaf, types 81–89:									
1975	124,626	129,192	134,229	129,418					
1976	131,094	125,605	121,631	109,375					
1977	114,256	111,037	105,984	102,480					
1978	100,315	101,019	97,197	91,548					
1979	92,598	.....	.....	.....		

¹ Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production.

² Stocks on the island of Puerto Rico are included.

³ These tobaccos were previously grouped together and designated "type 90."

Agricultural Marketing Service.

Table 143.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1964–78

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 ¹	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 ²	Plug	Twist	Fine-cut	Loose-leaf ³			
	Millions	Millions	Millions	Millions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1964	8,737	974	(*)	539,908	25,852	2,813	3,523	34,013	82,437	31,443	180,081
1965	7,899	441	(*)	556,806	24,651	2,850	3,710	33,918	71,781	29,710	166,621
1966 ⁴	7,165	445	(*)	567,264	24,285	2,739	3,916	34,256	67,347	29,501	162,044
1967	6,859	434	(*)	576,183	23,741	2,572	4,065	34,028	64,766	29,323	158,495
1968	7,184	523	1.0	579,493	22,926	2,567	4,268	35,666	66,275	27,057	158,759
1969	6,937	743	1.0	557,647	23,349	2,466	4,480	39,494	63,865	27,585	161,239
1970	7,095	933	1.1	583,250	21,987	2,439	4,824	39,539	69,370	26,522	164,681
1971	6,722	1,135	.5	576,425	20,588	2,359	5,149	43,314	60,519	26,425	158,354
1972	6,033	4,022	.7	599,070	19,569	2,240	5,233	45,583	55,845	25,490	153,960
1973	5,664	4,415	1.1	644,245	18,575	2,138	5,702	47,556	53,007	25,297	152,315
1974	5,284	3,099	1.9	635,017	18,009	2,188	6,174	52,878	48,985	24,995	153,229
1975	4,524	2,942	2.0	651,211	18,145	2,285	7,327	53,742	46,194	24,381	152,074
1976	4,178	2,246	1.4	693,389	16,674	2,312	8,358	56,302	44,584	24,848	153,078
1977	3,922	1,828	1.3	665,864	16,437	2,180	10,119	61,251	40,711	24,613	155,311
1978 ⁵	3,741	1,645	1.0	695,984	15,895	2,101	11,969	64,591	36,406	25,086	156,048

¹ Cigars produced in bonded manufacturing warehouses are included.

² "King size" cigarettes included in this category.

³ Formerly designated "Scrap."

⁴ Less than 500,000.

⁵ Excise tax on chewing and smoking tobacco and snuff discontinued after 1965. Data now reported by Agricultural Marketing Service, U.S. Department of Agriculture, and are not strictly comparable with prior year.

⁶ Preliminary.

Agricultural Marketing Service. Compiled from reports of the Bureau of Alcohol, Tobacco and Firearms, U.S. Treasury Department.

Table 144.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1964–78¹

Year	Cigarettes			Cigars ²			Smoking, chewing, and snuff ³		All tobacco products ³	
	Total		Per capita	Total		Per capita	Total	Per capita	Total	Per capita
	<i>Billions</i>	<i>Million pounds</i>	<i>Number</i>	<i>Billions</i>	<i>Million pounds⁴</i>	<i>Number</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	511	1,123	4,194	9.1	162	75	120	0.99	1,406	11.53
1965	529	1,163	4,258	8.6	157	70	110	.88	1,429	11.51
1966	541	1,147	4,287	8.3	149	66	108	.86	1,404	11.12
1967	549	1,136	4,280	8.1	143	63	107	.83	1,385	10.79
1968	546	1,133	4,186	7.9	139	61	108	.83	1,380	10.59
1969	529	1,082	3,992	8.0	138	60	110	.83	1,330	10.04
1970	536	1,050	3,985	8.1	138	60	113	.83	1,301	9.68
1971	550	1,066	4,037	7.9	133	57	112	.82	1,310	9.52
1972	567	1,111	4,043	7.3	128	52	110	.79	1,350	9.65
1973	590	1,126	4,148	7.0	130	49	106	.75	1,362	9.53
1974	599	1,142	4,141	6.4	111	44	109	.75	1,361	9.41
1975	607	1,138	4,123	5.8	101	39	106	.72	1,346	9.14
1976	614	1,090	4,092	5.4	92	36	109	.73	1,291	8.61
1977	617	1,099	4,043	5.0	88	33	107	.70	1,296	8.48
1978 ⁵	616	1,086	3,970	4.7	82	30	107	.69	1,284	8.22

¹ Includes consumption by overseas forces² Weighing over 3 pounds per 1,000.³ Unstemmed-processing weight equivalent.⁴ Includes weight of small cigars.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

Table 145.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1964–78

Year	Cigarettes				Cigars ³			
	Total output	Domestic consumption ¹	Tax-exempt removals ²		Total output ⁴	Domestic consumption ¹	Tax-exempt removals ²	
			Total	Exports			Total	Exports
	<i>Billions</i>	<i>Billions</i>	<i>Billions</i>	<i>Billions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
1964	539.9	497.4	42.6	25.1	9,566	8,959	193	44
1965	556.8	511.5	44.2	23.1	8,841	8,513	180	55
1966	567.3	522.5	46.1	23.4	8,243	8,175	193	73
1967	576.2	527.8	49.0	23.7	8,061	7,972	197	76
1968	579.5	523.0	53.8	26.5	8,257	7,827	169	66
1969	557.6	510.5	47.1	25.0	8,023	7,868	169	65
1970	583.2	518.2	51.2	29.2	8,379	8,009	152	54
1971	576.4	540.4	49.2	31.8	7,928	7,776	131	46
1972	599.1	554.4	49.0	34.6	7,464	7,225	139	75
1973	644.2	577.3	55.9	41.5	6,959	6,972	143	103
1974	635.0	588.6	59.2	46.9	6,462	6,356	136	86
1975	651.2	596.4	62.3	49.9	5,743	5,804	125	92
1976	693.4	604.7	72.1	61.4	5,403	5,373	144	124
1977	665.9	606.8	78.1	66.8	5,031	4,994	134	117
1978 ⁵	695.9	605.4	85.1	74.4	4,779	4,700	164	168

¹ As indicated by taxable removals and imports, and estimated inventory changes.² In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores.³ Includes cigarillos but excludes small (approximately cigarette-size) cigars.⁴ Includes cigars shipped to mainland United States from Puerto Rico.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

Table 146.—Tobacco: Price-support operations, United States, 1964-79¹

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Put under support ²		Support price per pound	Put under support ²	
		Quantity	Percentage of production		Quantity	Percentage of production
	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>
1964	57.2	285	20.7	58.9	110	17.8
1965	57.7	71	6.8	59.5	42	7.2
1966	58.8	75	6.7	60.6	63	10.6
1967	59.9	282	22.6	61.8	64	11.9
1968	61.6	128	12.9	63.5	56	10.0
1969	63.8	97	9.2	65.8	158	26.7
1970	66.6	144	12.2	68.6	47	8.5
1971	69.4	56	5.2	71.5	(³)	
1972	72.7	24	2.4	74.9	23	3.9
1973	76.6	31	2.7	78.9	1	.1
1974	83.3	25	2.0	85.8	3	.5
1975	93.2	259	18.2	96.1	51	7.5
1976	106.0	277	21.1	109.3	46	7.1
1977	113.8	196	17.4	117.3	56	9.2
1978	121.0	64	5.3	124.7	⁴ 67	⁴ 10.9
1979	129.3			133.3		

¹ This table does not show support operations for all tobacco. Only burley and flue-cured are shown because they are substantially more important in the total tobacco picture than other types which are also supported.

² Title to the tobacco obtained under the price-support program is retained in most cases by the Producers' Cooperative Association handling price-support loans.

³ Less than 500,000 pounds.

⁴ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 147.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1976-1978

Classification and country of origin	1976	1977	1978 ¹	Classification and country of origin	1976	1977	1978 ¹
Cigarette leaf:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Cigar wrapper:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Brazil	1,309	1,611	1,005	Honduras	152	134	146
Greece	9,821	7,545	12,005	Nicaragua	251	341	286
Yugoslavia	7,745	6,248	7,761	Cameroon	223	221	213
Lebanon	4,499	2,936	1,791	Other countries	110	68	92
Italy	11,920	11,143	6,655	Total	736	764	737
Turkey	42,774	39,661	40,978	Scrap:			
Korea, Rep. of	2,392	1,972	205	Dominican Republic	3,529	3,383	2,521
Other countries	12,436	16,932	19,044	Brazil	6,608	11,467	11,149
Total	92,896	88,048	89,444	Korea, Rep. of	5,497	7,489	7,569
Cigar filler:				Turkey	2,277	2,920	2,984
Unstemmed:				Philippines	7,057	6,040	6,724
Dominican Republic	520	41	146	Other countries	13,147	17,427	23,064
Nicaragua	289	275	185	Total	38,115	48,726	54,011
Philippines	333	175	265	Stems:			
Indonesia	553	328	789	Dominican Republic	356	699	646
Other countries	1,396	730	1,021	Brazil	2,651	1,393	1,445
Stemmed:				Argentina	894	402	360
Honduras	297	324	347	Other countries	960	723	2,219
Mexico	120	143	162	Total	4,861	3,217	4,670
Dominican Republic	457	428	362	Grand total	140,794	143,445	152,401
Other countries	222	245	262				
Total	4,187	2,690	3,540				

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 148.—Tobacco, unmanufactured: International trade, 1975-77

Continent and country	1975		1976		1977 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	26,464	6,856	25,757	2,563	23,454	2,843
Costa Rica	13	27	15	41	20	40
Cuba	15,876	0	16,500	0	17,000	0
Dominican Republic	31,330	2,232	33,071	1,850	20,400	1,200
El Salvador	655	716	614	704	510	800
Guatemala	3,494	831	3,907	23	3,402	20
Haiti	0	430	0	400	0	590
Honduras	2,722	181	2,753	1	2,800	23
Jamaica	299	1,800	501	1,347	439	1,084
Mexico	17,487	61	17,614	0	18,342	2
Nicaragua	1,310	71	1,640	124	1,600	377
Panama	323	175	229	193	300	200
Trinidad-Tobago	113	817	184	1,023	77	444
United States (incl. Puerto Rico)	259,091	172,889	266,310	158,352	290,130	139,048
Total	359,177	187,086	369,095	166,621	378,474	146,671
South America:						
Argentina	32,805	136	27,359	136	23,748	114
Brazil	101,196	313	106,648	300	108,111	197
Bolivia	0	800	0	800	0	1,000
Chile	0	6,810	0	1,379	0	2,252
Colombia	14,094	296	20,475	53	16,946	24
Ecuador	157	1,089	250	2,405	130	2,966
Guyana	0	318	0	319	0	276
Paraguay	24,959	23	27,456	73	22,348	0
Peru	1,595	1,080	868	638	440	439
Surinam	0	360	0	223	0	225
Uruguay	0	3,574	0	3,516	0	3,500
Venezuela	842	297	0	76	0	300
Total	175,648	15,096	183,056	9,918	171,723	11,293
Europe:						
Belgium-Luxembourg	3,640	39,426	6,850	41,387	5,763	39,285
Denmark	1,099	14,686	1,824	10,314	1,701	16,504
France	2,420	74,887	3,170	83,000	3,290	39,135
Germany, Fed. Rep. of	33,867	179,046	31,755	167,256	32,232	171,902
Ireland	6,378	15,095	3,531	8,699	89	7,663
Italy	58,860	35,520	53,598	33,382	40,536	33,741
Netherlands	1,800	65,800	1,094	57,400	1,000	62,000
United Kingdom	2,772	142,637	3,471	144,491	4,834	142,292
Total EC	110,836	567,097	105,293	545,929	89,445	512,522
Austria	1,072	11,468	622	10,022	550	12,576
Canary Islands	96	20,418	253	32,888	100	19,932
Finland	12	8,686	0	6,554	0	6,251
Greece	50,733	341	55,677	469	53,144	600
Malta-Gozo	58	428	86	278	30	400
Norway	91	5,746	0	5,960	20	6,355
Portugal (incl. Azores)	0	8,339	0	10,797	0	12,386
Spain	48	36,885	0	38,522	0	40,463
Sweden	115	12,273	189	11,635	119	11,014
Switzerland	5,220	27,435	4,637	26,176	5,057	30,867
Total Western Europe	168,281	699,116	166,757	689,230	148,465	653,365
Albania	6,000	0	6,000	0	6,000	0
Bulgaria	71,200	8,700	70,200	3,800	68,300	4,000
Czechoslovakia	126	14,000	855	15,000	1,000	15,500
Germany, Dem. Rep. of	2,366	16,700	1,987	15,800	1,900	16,000
Hungary	1,100	6,700	1,300	9,000	1,000	8,500
Poland	10,457	10,077	9,644	10,857	8,153	6,551
Romania	8,629	4,500	10,000	5,000	10,000	6,000
Yugoslavia	24,876	6,292	25,166	2,254	20,000	2,000
Total Eastern Europe	124,754	66,969	125,152	61,711	116,353	58,551
Total Europe	293,035	766,085	291,909	750,941	264,818	711,916
Soviet Union	1,797	87,753	1,401	74,081	1,047	78,078
Africa:						
Algeria	320	8,000	320	6,636	500	6,000
Angola	2,000	140	2,000	150	2,000	150
Burundi-Rwanda						

See footnotes at end of table.

Table 148.—Tobacco, unmanufactured: International trade, 1975-77—Continued

Continent and country	1975		1976		1977 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Africa—Continued						
Cameroon	2,463	1,917	2,231	1,186	2,200	1,200
Congo, Republic of	340	870	100	1,000	100	1,030
Egypt	0	25,888	0	22,966	0	29,038
Ghana	238	787	120	550	200	1,000
Ivory Coast	0	1,934	0	3,050	30	3,406
Kenya	2	2,396	2	4,701	2	1,531
Liberia	13	335	0	347	40	335
Libya	0	1,400	0	1,400	0	1,450
Madagascar	2,000	170	2,000	200	2,100	200
Malawi	34,893	4,536	35,800	4,500	38,000	4,500
Mauritius	0	130	0	110	0	120
Morocco	19	6,923	32	7,240	20	9,088
Mozambique	375	360	400	350	300	400
Nigeria	0	713	0	973	0	400
Senegal	75,000	0	80,000	0	60,000	0
Sierra Leone	0	2,660	0	2,000	0	2,100
Southern Rhodesia	0	862	0	865	0	1,110
South Africa	6,190	10,046	7,208	13,964	6,065	8,119
Tanzania	10,477	141	15,762	11	12,000	25
Tunisia	0	5,132	771	2,829	0	6,000
Uganda	1,277	0	1,066	36	900	50
Zaire	5,394	0	4,596	0	3,536	0
Zambia	0	2,927	0	1,955	0	5,541
Total	141,001	78,267	152,408	77,019	127,993	82,763
Asia:						
Bangladesh	0	9,072	0	10,000	0	500
Burma	0	1,016	30	1,000	0	1,000
China:						
Mainland	32,000	0	34,000	0	35,000	0
Taiwan	4,111	8,535	4,140	10,377	4,297	11,210
Cyprus	0	1,246	10	2,151	62	2,723
Hong Kong	446	3,940	8,195	10,177	4,514	7,886
India	78,203	100	79,600	161	75,000	200
Indonesia	19,625	8,441	20,345	9,363	25,786	9,435
Iran	160	0	210	1,200	300	1,500
Iraq	0	1,411	0	1,000	0	1,500
Israel	54	3,588	0	4,463	0	5,000
Japan	238	95,989	18	94,193	18	85,980
Jordan	11	592	6	884	0	1,077
Kampuchea	0	907	0	1,000	0	2,000
Korea, Dem. Peo. Rep. of	3,000	0	800	0	1,000	0
Korea, Rep. of	44,258	2,374	42,133	6,306	48,549	6,799
Kuwait	170	490	200	500	215	525
Laos	0	1,360	0	1,500	0	1,500
Lebanon	2,844	2,449	979	0	6,220	775
Malaysia	208	5,389	192	3,519	147	6,455
Pakistan	10,517	108	12,247	363	11,340	182
Philippines	38,126	6,140	27,789	9,314	25,680	10,462
Singapore	223	9,829	142	6,597	209	6,384
Sri Lanka	583	732	465	780	680	300
Syria	4,564	5,044	4,690	6,184	1,457	2,215
Thailand	17,582	8,907	22,027	7,315	17,836	11,399
Turkey	65,639	0	75,153	0	61,835	0
Vietnam	0	2,000	0	3,000	0	4,000
Yemen (Aden)	907	3,175	1000	3,200	1,000	3,300
Total	323,469	182,834	334,371	194,547	321,145	184,307
Oceania						
Australia ²	500	14,212	229	9,172	645	11,497
New Zealand ²	0	3,613	0	3,654	0	3,508
Total	500	17,825	229	12,826	645	15,005
World total	1,294,627	1,334,946	1,332,469	1,285,953	1,265,845	1,230,033

¹ Preliminary.² July—June year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1976–78

Types and country of destination	1976	1977	1978 ¹	Type and country of destination	1976	1977	1978 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Total unmanufactured:				Flue-cured—Continued			
Canada	570	2,114	1,917	Thailand	8,624	5,262	5,260
Panama	398	300	309	Australia	3,312	4,710	4,377
Jamaica	793	641	650	New Zealand	1,702	1,708	1,155
Dominican Republic	1,169	1,307	1,574	Other countries	11,413	17,519	13,674
Chile	483	793	867				
Ecuador	1,560	2,027	1,933	Total	171,791	186,758	206,279
Belgium and Luxembourg	3,395	4,742	7,646	Burley:			
France	3,753	2,853	4,445	Chile	157	291	324
Germany, Fed. Rep. of	33,423	35,737	24,125	Belgium and Luxembourg	148	393	702
Italy	15,041	18,437	18,592	France	401	6	151
Netherlands	11,213	13,852	15,503	Germany, Fed. Rep. of	6,210	6,333	3,687
Austria	1,919	1,795	1,574	Italy	6,522	7,453	8,716
Denmark	4,084	7,659	12,280	Netherlands	258	754	1,156
Finland	2,836	2,896	3,523	Austria	110	67	146
Ireland	3,497	2,434	2,382	Denmark	112	783	1,741
Norway	2,517	2,701	1,912	Finland	393	282	397
Portugal	0	1,246	0	Norway	112	167	139
Spain	2,111	2,334	9,043	Portugal	0	726	0
Sweden	6,394	5,357	7,951	Sweden	1,032	817	1,503
Switzerland	11,024	13,045	11,893	Switzerland	779	2,813	3,106
United Kingdom	32,572	21,242	67,503	Syria	1,300	1,200	0
Libya	1,327	723	44	Hong Kong	164	200	226
Egypt	5,043	12,119	11,115	Japan	4,655	3,770	4,680
Canary Islands	2,433	3,430	4,672	Philippines	3,093	2,463	1,936
Cameroon	743	906	775	Thailand	1,247	1,981	2,997
Ghana	1,035	917	644	Other countries	3,685	5,277	9,688
Nigeria	497	254	702				
Zaire	522	3,414	373	Total	30,778	35,876	41,295
Israel	639	935	535	Dark-fired Kentucky-Tennessee:			
China, Taiwan	5,586	9,364	11,704	Belgium and Luxembourg	216	474	248
Hong Kong	1,243	1,354	1,256	France	1,205	644	1,082
Korea, Rep. of	3,248	4,459	4,469	Germany Fed. Rep. of	64	96	192
Japan	60,208	61,429	46,385	Italy	65	460	234
Malaysia	3,319	5,574	4,566	Netherlands	4,165	5,342	6,559
Philippines	5,917	7,010	6,304	Denmark	17	109	50
Singapore	1,095	1,207	1,066	Ireland	84	39	0
Thailand	9,871	7,243	8,257	Norway	5	9	0
Syria	4,748	1,202	0	Canary Islands	359	205	350
Australia	4,691	6,435	5,602	Sweden	292	230	276
New Zealand	2,238	2,251	1,670	Switzerland	20	3	62
Other countries	9,079	11,868	11,766	United Kingdom	34	0	0
				Morocco	0	0	39
Total	262,234	285,131	317,527	Tunisia	0	338	205
Flue-cured:				Cameroon	183	191	250
Panama	299	257	240	Zaire	449	522	716
Jamaica	725	565	571	Total	7,387	8,662	10,263
Chile	323	499	543	Black Fat:			
Ecuador	937	1,951	729	Cameroon	256	115	134
Belgium and Luxembourg	2,242	2,945	5,421	Benin	615	525	399
France	815	1,015	2,157	Nigeria	216	160	241
Germany, Fed. Rep. of	22,740	25,742	16,054	Togo	178	154	162
Italy	7,777	10,291	9,535	Other countries	222	275	239
Netherlands	6,236	6,910	6,612				
Austria	1,392	1,372	1,285	Total	1,487	1,229	1,175
Denmark	2,514	4,745	7,359	Dark-fired Virginia and sun-cured:			
Finland	1,960	1,585	2,132	Germany, Fed. Rep. of	244	283	184
Ireland	2,095	1,488	1,918	Egypt	160	0	0
Norway	1,843	1,868	1,120	Austria	64	0	35
Portugal	0	175	0	Yugoslavia	0	0	0
Spain	2,089	1,926	7,876	Norway	385	583	503
Sweden	3,241	2,838	3,905	Sweden	198	124	290
Switzerland	4,137	4,017	3,859	Switzerland	77	356	42
United Kingdom	23,246	15,576	49,354	United Kingdom	35	123	28
Libya	1,061	558	7	Czechoslovakia	34	11	18
Egypt	3,439	8,108	7,455	Other countries	138	166	39
Syria	0	1	0				
China, Taiwan	5,586	9,364	11,588	Total	1,335	1,646	1,139
Hong Kong	767	971	894				
Indonesia	97	455	343				
Japan	41,001	42,558	32,731				
Malaysia	2,999	4,368	4,213				
Pakistan	220	182	3,049				
Philippines	2,822	4,547	652				
Singapore	689	682					

See footnotes at end of table.

Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1976-78—Continued

Type and country of destination	1976	1977	1978 ¹	Type and country of destination	1976	1977	1978 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Marlyand:				Cigar filler:			
Belgium and Luxembourg	383	533	416	France	124	88	51
Germany, Fed. Rep. of	1,011	409	749	Germany, Fed. Rep. of	43	0	0
Netherlands	39	28	41	Other countries	16	61	38
Norway	93	11	9	Total	183	149	89
Egypt	124	84	169				
Spain	0	102	0	Perique:			
Switzerland	1,834	2,067	2,315	Canada	2	3	0
Other countries	299	239	1,107	Germany, Fed. Rep. of	4	6	1
Total	3,783	3,473	4,806	France	20	0	0
One sucker:				United Kingdom	11	24	6
Belgium and Luxembourg	30	0	0	Australia	4	11	9
Zaire	64	0	70	Other countries	7	2	5
Other countries	1	38	38	Total	48	46	21
Total	95	38	108				
Green River:				Trimmings, stems, and scrap:			
Belgium and Luxembourg	0	1	7	Canada	424	1,925	1,558
United Kingdom	15	23	27	Italy	678	228	107
Zaire	36	0	53	Jamaica	44	37	0
Other countries	3	0	134	Guyana	12	0	20
Total	54	24	221	Peru	159	0	6
Cigar wrapper:				Surinam	39	33	64
Canada	85	26	23	Belgium and Luxembourg	357	361	850
Jamaica	23	26	41	France	926	885	942
Dominican Republic	800	880	1,139	Germany, Fed. Rep. of	3,007	2,729	2,994
Belgium and Luxembourg	20	5	2	Netherlands	230	493	952
Germany, Fed. Rep. of	97	164	54	Austria	323	357	36
Netherlands	273	296	144	Denmark	1,040	2,020	3,118
Canary Islands	15	9	13	Finland	395	470	658
Nigeria	45	0	0	Ireland	1,397	909	464
United Kingdom	212	155	196	Norway	0	0	111
France	16	11	16	Sweden	1,565	1,373	1,902
New Zealand	37	18	17	Switzerland	3,889	3,444	1,659
Other countries	84	248	35	United Kingdom	8,986	5,220	12,785
Total	1,707	1,838	1,680	Libya	266	161	0
Cigar binder:				Ghana	167	151	107
Canada	25	16	8	Poland	499	914	248
Venezuela	16	0	0	Hong Kong	312	183	135
Dominican Republic	71	42	0	Japan	14,530	15,101	8,974
Switzerland	12	12	7	Malaysia	321	1,107	303
Other countries	10	3	2	Egypt	579	2,380	2,158
Total	134	73	17	Singapore	405	426	415
				Australia	778	1,304	976
				New Zealand	495	499	498
				Other countries	1,618	2,594	2,839
				Total	43,441	45,304	44,879

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

CHAPTER III

STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

Seven new tables have been added to this chapter with data for sunflower, peppermint oil, spearmint oil, and mint oil.

Table 150.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1964–78

Year	Harvested area of cotton	Cottonseed				
		Production	Total sales to oil mills	Other ¹	Price	Value of production
	<i>1,000 acres</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	14,054.6	6,237	5,929	308	47.10	293,840
1965	13,612.7	6,087	5,836	251	46.70	284,412
1966	9,552.6	3,960	3,743	217	65.90	261,008
1967	7,997.3	3,210	3,017	193	55.20	177,406
1968	10,159.3	4,640	4,441	199	50.50	234,492
1969	11,051.1	4,068	3,863	205	41.10	167,254
1970	11,155.0	4,068	3,832	236	56.40	229,607
1971	11,470.9	4,240	4,007	233	56.80	240,930
1972	12,983.8	5,393	5,153	240	49.50	267,136
1973	11,970.2	5,016	4,720.7	295.3	100.00	501,191
1974	12,546.6	4,509.9	4,290.6	219.3	136.00	611,217
1975	8,796.0	3,218.0	2,863.6	354.4	97.00	312,264
1976	10,913.5	4,122.0	3,768.1	353.9	103.00	425,411
1977	13,275.3	5,521.4	4,832.1	689.3	70.30	388,035
1978 ²	12,370.0	4,269.2	3,918.0	351.2	114.00	485,373

¹ Includes planting seed, exports, some sales between farms, shrinkage, losses, and other uses.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 151.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1976–78

State	Production			Total sales to oil mills			Other ²			Price for crop of—		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	129	105	109	118	95	102	11	10	7	104.00	71.00	105.00
Ariz	347	445	450	319	350	366	28	95	84	105.00	75.00	102.00
Ark	294	400	241	270	360	224	24	40	17	105.00	73.50	117.00
Calif	1,036	1,100	824	980	1,000	775	56	100	49	108.00	76.00	121.00
Fla	2.8	2.3	1.5	2.0	2.0	1.4	.8	.3	.1	116.00	77.00	125.00
Ga	70	30	43	64	26	40	6	4	3	98.50	58.50	108.00
Ky	.3	.3	0	.3	.3	0	(³)	0	0	106.00	74.50	.....
La	205	251	180	190	234	174	15	17	6	103.00	73.50	114.00
Miss	432	610	522	399	560	489	33	50	33	106.00	77.50	123.00
Mo	67	94	75	60	84	69	7	10	6	99.00	67.50	97.00
Nev	.7	.7	.7	.7	.7	.6	(³)	0	.1	105.00	78.00	110.00
N. Mex	29	68	44	25	58	40	4	10	4	102.00	66.00	125.00
N.C	25	19	16	23	17	14	2	2	2	99.00	65.00	115.00
Okla	67	165	143	56	140	131	11	25	12	102.00	63.00	120.00
S.C	55	42	43	51	39	40	4	3	3	99.00	68.00	111.00
Tenn	91	100	94	84	91	90	7	9	4	106.00	74.50	115.00
Tex	1,271	2,089	1,483	1,126	1,775	1,362	145	314	121	98.00	64.00	110.00
Va	.2	.1	(⁴)	.1	.1	(⁴)	.3	0	0	100.00	71.00	100.00
U.S	4,122.0	5,521.4	4,269.2	3,768.1	4,832.1	3,918.0	353.9	689.3	351.2	103.00	70.30	114.00

¹ Preliminary. ² Includes planting seed, exports, some sales between farms, shrinkage, losses, and other uses.

³ Kentucky, Nevada, and Virginia combined. ⁴ 36 tons.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 152.—Cottonseed: Crushings and output of products, United States, 1964–77

Year beginning August	Quantity crushed	Cottonseed products				Year beginning August	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters ¹	Hulls			Crude oil	Cake and meal	Linters ¹	Hulls
	1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons		1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons
1964	5,926	1,999	2,770	1,656	1,357	1971	3,960	1,275	1,794	1,145	978
1965	5,734	1,896	2,695	1,580	1,299	1972	4,880	1,535	2,224	1,341	1,215
1966	3,791	1,261	1,801	1,103	867	1973	4,792	1,551	2,176	1,341	1,173
1967	3,107	1,036	1,450	935	734	1974	4,226	1,347	1,885	1,269	1,072
1968	4,363	1,425	1,985	1,306	1,025	1975	2,952	986	1,315	847	773
1969	3,925	1,282	1,835	1,234	905	1976	3,499	1,141	1,570	983	916
1970	3,728	1,211	1,729	1,147	872	1977 ² ..	4,313	1,391	1,980	741	1,077

¹Production of linters is the output at oil mills only; this is slightly smaller than total output, including that at delinting plants.

²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from annual reports of the U.S. Department of Commerce.

Table 153.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1964–77¹

Year beginning August	Cottonseed quality analysis ²						Quantity ³	Quality ⁴	Average grade ⁵	Samples graded ⁶
	Oil	Ammonia	Linters	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1964	18.4	3.98	10.4	10.6	0.9	1.1	102.07	98.5	100.5	91,881
1965	18.0	4.00	10.3	11.1	1.2	1.2	100.49	97.9	98.5	108,828
1966	18.2	3.97	10.8	10.7	.9	1.3	101.84	98.8	101.0	71,072
1967	18.4	3.89	10.7	10.1	.9	1.3	101.97	98.5	100.5	45,838
1968	18.0	3.91	11.2	10.6	.7	1.2	100.91	98.9	100.0	67,254
1969	17.9	3.97	11.1	10.6	.9	1.3	101.03	98.3	99.5	62,522
1970	17.8	3.92	11.3	10.8	1.6	1.3	100.52	97.1	98.0	60,118
1971	17.7	3.84	11.0	11.1	1.5	1.5	99.29	96.2	95.5	57,960
1972 ¹	17.3	3.92	.....	11.9	1.6	1.6	97.67	95.7	94.0	71,210
1973	18.0	3.92	.....	11.0	1.3	1.4	100.81	96.7	98.0	62,504
1974	17.7	3.82	.....	11.0	1.6	1.6	98.42	96.5	95.5	61,114
1975	18.0	3.75	.....	10.6	1.4	1.6	99.50	97.0	96.5	44,250
1976	17.7	3.88	.....	10.6	.7	1.8	98.93	98.4	97.5	52,048
1977	17.5	3.99	.....	10.8	1.8	1.4	98.85	95.6	94.5	61,466

¹U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. ²These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades. ³The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, protein, and linters. ⁴The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter. ⁵The average grade is the product of the quantity index times the quality index. The base grade is 100.0. ⁶Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture. ⁷The linters factor was eliminated from official grade standards effective Sept. 4, 1972.

Agricultural Marketing Service.

Table 154.—Cottonseed oil, meal, and linters: Average price at specified points, 1964–77

Year beginning August	Oil, per pound		Meal, per ton ³	Linters ⁴	Year beginning August	Oil, per pound		Meal, per ton ³	Linters ⁴
	Crude ¹	Refined ²				Crude ¹	Refined ²		
	Cents	Cents	Dollars	Cents		Cents	Cents	Dollars	Cents
1964	11.52	14.20	59.90	3.89	1971	13.23	17.63	73.90	4.01
1965	12.83	15.48	68.80	4.24	1972	13.72	17.88	144.80	3.91
1966	12.89	15.78	77.50	6.62	1973	31.87	34.28	138.00	9.63
1967	12.67	15.54	77.40	5.61	1974	31.29	34.76	123.00	8.30
1968	11.56	15.54	65.20	4.57	1975	24.59	35.60	141.80	5.54
1969	12.05	16.33	71.10	3.68	1976	25.29	31.21	199.20	5.68
1970	14.71	18.81	72.60	3.83	1977	25.73	30.53	186.10	6.32

See footnotes on page 117.

Table 155.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination, years beginning October, 1975–77

Continent and country of destination	Cottonseed oil ¹			Cottonseed cake and meal		
	1975	1976	1977 ²	1975	1976	1977 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:						
Bermuda	4	4	0	0	0	0
Canada	4,791	4,227	4,152	1,124	1,383	1,554
Panama Canal Zone	0	0	0	0	0	0
Costa Rica	0	0	0	0	0	0
Dominican Republic	7,073	2,037	7,004	10	0	0
Guatemala	0	0	0	0	0	0
Haiti	20	0	9	0	0	0
Jamaica	419	899	302	0	0	0
Mexico	11	13	219	4,148	3,320	5,050
Netherlands Antilles	2	1	0	0	0	0
Panama	19	10	6	0	15	0
Other countries	569	1,181	302	0	0	0
Total ³	12,907	8,371	11,995	5,282	4,719	6,604
South America:						
Brazil	0	0	0	5	0	9
Colombia	0	506	501	0	0	0
Ecuador	20	0	0	0	0	0
Peru	0	0	0	0	0	0
Surinam	0	0	0	0	0	0
Venezuela	23,656	35,067	43,097	0	0	0
Other countries	3	6	67	0	0	0
Total ³	23,679	35,580	43,664	5	0	9
Europe:						
Austria	499	0	0	0	0	120
Belgium and Luxembourg	6,292	5,439	1	0	0	239
Denmark	0	0	7	16,694	29,317	48,875
France	12	14	187	0	0	434
Germany, Fed. Rep. of	3,929	1,749	2,564	0	8,549	5,511
Ireland	0	0	0	0	0	81
Italy	0	3	0	0	0	525
Netherlands	6,210	9,931	2,094	0	0	0
Norway	0	0	0	0	3,378	3,294
Poland	0	0	0	0	0	35,078
Sweden	0	900	1,994	0	0	203
Switzerland	3,992	3,095	5,585	0	0	0
United Kingdom	4,214	4,411	1,369	0	0	0
Yugoslavia	0	0	0	0	0	0
Other countries	11	1,000	3	0	0	342
Total ³	25,160	26,542	13,804	16,694	41,244	94,702
Africa:						
Morocco	0	0	0	0	0	0
Egypt	134,278	194,799	192,789	0	0	0
Other countries	1,653	21	13	0	0	2,028
Total ³	135,932	194,820	192,802	0	0	2,028
Asia:						
Hong Kong	136	85	168	0	0	0
India	0	0	0	0	0	82
Iran	11,169	20,135	39,651	0	0	5
Israel	8	0	0	0	0	0
Japan	12,372	20,604	26,608	0	0	454
Korea, Rep. of	555	872	1,107	0	0	0
Ryukyu Islands	0	0	0	0	0	0
Pakistan	0	0	10,431	0	0	0
Philippines	3	12	5	0	0	0
Saudi Arabia	24	0	0	0	0	0
Turkey	500	0	0	0	0	0
Other countries	2,382	27	21	0	0	0
Total ³	27,150	41,735	77,991	0	0	542
Oceania	1,871	6,051	3,866	0	0	20
Grand total ³	226,699	313,099	344,122	21,980	45,963	103,905

¹Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. ²Preliminary. ³May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 156.—Flaxseed: Area, yield, production, disposition, and value, United States, 1964–78

Year	Area planted	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	2,965	2,825	8.6	24,401	1,232	23,169	2.82	68,901
1965	2,868	2,775	12.8	35,402	1,162	34,240	2.80	99,169
1966	2,679	2,576	9.1	23,390	937	22,453	2.89	67,620
1967	2,061	1,975	10.1	20,036	919	19,117	2.95	59,099
1968	2,177	2,092	12.9	26,983	1,130	25,853	2.81	75,694
1969	2,661	2,605	13.4	34,929	1,356	33,573	2.65	92,564
1970	2,950	2,836	10.4	29,416	839	28,577	2.40	70,506
1971	1,627	1,545	11.8	18,198	604	17,594	2.38	43,228
1972	1,189	1,149	12.1	13,883	768	13,115	3.10	43,019
1973	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974	1,742	1,659	8.5	14,083	759	13,324	9.67	136,196
1975	1,621	1,511	10.3	15,553	532	15,021	6.57	102,132
1976	1,076	985	7.9	7,820	655	7,165	7.08	55,477
1977	1,410	1,314	11.5	15,105	676	14,429	4.54	68,593
1978 ²	890	860	12.7	10,921	599	10,322	6.00	65,484

¹ Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 157.—Flaxseed: Stocks on and off farms, United States, 1964–78

Year beginning October	On farms				Off farms ²			
	Oct. 1	Jan. 1	Apr. 1	July 1 ¹	Oct. 1	Jan. 1	Apr. 1	July 1 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	12,720	8,571	6,540	2,467	18,400	14,645	10,994	8,460
1965	20,488	13,953	10,809	3,449	14,879	18,812	15,828	11,870
1966	9,838	7,508	5,523	1,399	18,856	14,300	13,369	7,855
1967	8,796	6,785	4,324	1,304	14,549	11,424	9,027	5,664
1968	14,764	9,041	5,978	2,085	12,442	12,449	9,945	7,706
1969	18,320	12,967	10,429	4,481	20,918	18,693	17,491	17,343
1970	14,991	11,213	8,927	3,148	28,270	28,152	25,025	23,605
1971	9,020	6,903	4,999	2,502	31,353	28,150	23,028	17,630
1972	7,055	3,875	1,936	395	15,447	9,948	7,485	3,103
1973	6,806	3,974	2,616	667	7,571	6,395	4,363	1,885
1974	7,984	4,022	2,751	1,150	4,599	3,745	1,907	1,100
1975	7,552	4,220	3,009	1,830	6,228	5,533	4,164	3,060
1976	4,116	2,853	2,070	1,070	4,971	4,375	2,879	1,934
1977	9,292	5,773	4,499	2,890	4,307	5,168	3,905	2,606
1978 ³	6,459	4,342	2,939	.....	3,390	4,027	3,121	.....

¹ Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.

² Stocks at mills, elevators, warehouses, processing plants, and terminals.

³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 154

¹ In tanks, f.o.b. Valley Points.

² Jumbo tank deliveries, New York.

³ On basis of 41 percent protein, bulk carlots, Memphis.

⁴ Weighted average price of linters per pound.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the National Provisioner, The Journal of Commerce, and reports of the U.S. Labor and Agriculture Departments.

Table 158.—Flaxseed: Supply and disappearance, United States, 1964–78

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings ¹	Total domestic disappearance ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	15,384	24,401	1	39,786	2,023	6,388	21,239	26,920
1965	12,866	35,402	.....	48,268	1,895	5,302	22,058	30,386
1966	17,882	23,390	.....	41,272	1,469	6,837	20,196	29,367
1967	11,905	20,035	3	31,944	1,559	5,438	16,511	23,313
1968	8,631	26,983	1	35,615	1,968	9,531	14,436	23,993
1969	11,622	34,929	.....	46,551	2,265	6,505	14,289	23,511
1970	23,040	29,416	1	52,457	1,262	3,220	18,155	23,559
1971	28,898	18,198	74	47,170	933	910	21,022	23,967
1972	23,203	13,883	3	37,089	1,398	9,881	19,932	31,604
1973	5,485	16,408	399	22,292	1,360	630	17,203	18,240
1974	4,052	14,083	130	18,265	1,231	372	13,386	15,234
1975	3,031	15,553	148	18,732	1,054	952	11,790	13,842
1976	4,890	7,820	2,169	14,879	.....	196	10,677	11,875
1977	3,004	15,105	10,684	28,793	.....	1000	11,615	23,297
1978 ³	5,496	10,921	.....	16,417	.....	.....	.....	.....

¹ From domestic and imported seed.² Total supply minus exports and stocks June 1 of following year.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 159.—Flaxseed: Area, yield, and production, by States, 1976–78

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Minn	205	235	145	195	220	142	10.0	14.5	15.5	1,950	3,190	2,201
Mont. ²	5	5	.....	5	5	.....	10.0	7.0	.....	50	35	.....
N. Dak	526	800	425	500	750	410	8.0	10.0	12.0	4,000	7,500	4,920
S. Dak	270	360	295	230	330	288	6.0	13.0	12.5	1,380	4,290	3,600
Tex ³	70	10	25	55	9	20	8.0	10.0	10.0	440	90	200
U.S.	1,076	1,410	890	985	1,314	860	7.9	11.5	12.7	7,820	15,105	10,921

¹ Preliminary.² Estimates discontinued after 1977 crop.³ Includes area planted in preceding fall.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 160.—Flaxseed:¹ Area, yield, and production in specified countries and the world, 1976–78

Continent and country	Harvested area			Yield per acre			Production		
	1976	1977	1978²	1976	1977	1978²	1976	1977	1978²
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada	324	595	518	0.855	1.09	1.04	277	650	538
United States	399	532	348	.499	.722	.796	199	384	277
Mexico	6	10	10	1.33	1.50	1.50	8	15	15
Total	729	1,137	876	.664	.923	.947	484	1,049	830
South America:									
Argentina	833	950	860	.900	.900	.843	750	855	725
Brazil³	10	10	10	.700	.500	.600	7	5	6
Chile³	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay³	69	79	65	.667	.506	.523	46	40	34
Total⁴	913	1,040	936	.881	.866	.818	804	901	766
Europe:									
Belgium⁵	9	10	8	.889	.700	.875	8	7	7
France⁶	20	7	6	.800	2.00	.833	16	14	5
Italy⁵	5	6	6	.400	1.00	1.00	2	6	6
Netherlands⁵	5	6	5	1.00	1.00	1.00	5	6	5
Spain⁵	1	1	1	1.00	1.00	1.00	1	1	1
Other countries	0	0	0				0	0	0
Total Western Europe⁴	40	30	26	.800	1.13	.923	32	34	24
Czechoslovakia⁵	31	31	31	.387	.387	.387	12	12	12
German Dem. Rep.⁵	4	4	4	.500	.500	.500	2	2	2
Hungary	19	19	19	1.42	1.42	1.58	27	27	30
Poland⁵	87	62	93	.563	.613	.645	49	38	60
Romania	84	65	65	.595	.769	.769	50	50	50
Other countries	0	0	0				0	0	0
Total Eastern Europe	225	181	212	.622	.713	.726	140	129	154
Total Europe⁴	265	211	238	.649	.773	.748	172	163	178
Soviet Union⁵	1,214	1,209	1,197	.278	.297	.334	337	359	400
Africa:									
Ethiopia⁷	100	100	100	.500	.500	.500	50	50	50
Morocco	1								
Tunisia⁵	6	6	6	.333	.333	.333	2	2	2
Egypt⁵	20	25	25	1.20	1.20	1.24	24	30	31
Total⁴	127	131	131	.598	.626	.634	76	82	83
Asia:									
Iran	7	7	7	.429	.429	.429	3	3	3
Iraq	2	2	2	.500	.500	.500	1	1	1
Turkey (Europe and Asia)⁵	12	12	12	.583	.500	.500	7	6	6
India⁵	2,119	1,940	2,044	.282	.216	.247	598	419	504
Pakistan⁷	8	8	10	.500	.500	.500	4	4	6
Other countries	14	15	15	.500	.500	.500	7	7	7
Total⁴	2,162	1,984	2,090	.287	.222	.252	620	440	527
Oceania:									
Australia⁷	16	15	46	.750	1.13	.609	12	17	28
New Zealand	5	5	5	2.00	2.00	2.00	10	10	10
Total⁴	21	20	51	1.05	1.35	.745	22	27	38
World total⁴	5,431	5,732	5,519	.463	.527	.511	2,515	3,021	2,822

¹Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1978 was combined with the Southern Hemisphere harvest which began late in 1978 and ended early in 1979. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons. ²Preliminary. ³Seeded area. ⁴Includes estimates for the above countries for which data are not available and for minor producing countries. ⁵Includes fiber flax area and seed production. ⁶Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. ⁷Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 161.—Flaxseed: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Minn	2,201	110	2,091	6.10	13,426	12,755
N.Dak	4,920	285	4,635	5.90	29,028	27,347
S.Dak	3,600	202	3,398	6.15	22,140	20,898
Tex	200	2	198	4.45	890	881
U.S	10,921	599	10,322	6.00	65,484	61,881

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 162.—Flaxseed: Price-support operations, United States, 1964–79

Year beginning July	Support price		Put under support ²		Acquired by CCC under support program ³	Owned by CCC June 30
	Per bushel	Percentage of parity ¹	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	2.90	76	6,394	26.2	4,028	2,449
1965	2.90	75	11,303	31.9	9,430	12,382
1966	2.90	73	2,255	9.6	1,034	4,553
1967	2.90	73	2,707	13.5	1,207	2,115
1968	2.90	72	6,231	23.0	4,998	6,925
1969	2.75	64	13,006	37.2	12,307	16,651
1970	2.50	58	13,911	47.1	13,366	26,726
1971	2.50	56	6,867	37.7	3,852	18,717
1972	2.50	56	673	4.8	157	140
1973	2.50	51	137	.9	.....	.....
1974	2.50	41	63	.5	.....	.....
1975	(⁴)	.....	.....	.....	.....	.....
1976	(⁴)	.....	.....	.....	.....	.....
1977	(⁴)	.....	.....	.....	.....	.....
1978	4.50	48	.....	.....	.....	.....
1979	4.50	45	.....	.....	.....	.....

¹ Percentage of the parity price as of the beginning of the marketing year.² Includes loans made, purchase agreements entered into, and direct purchases.³ Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.⁴ Price support not authorized for the 1975, 1976, and 1977.

Agricultural Stabilization and Conservation Service.

Table 163.—Flaxseed and linseed oil and meal: Average price, New York and Minneapolis, 1964–78

Year ¹	Flaxseed, per bushel: No. 1, Minneapolis	Oil, per pound		Meal, per ton		Year ¹	Flaxseed, per bushel: No. 1, Minneapolis	Oil, per pound		Meal, per ton	
		New York ²	Minneapolis ²	New York ³	Minneapolis ⁴			New York ²	Minneapolis ²	New York ³	Minneapolis ⁴
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1964 . . .	3.14	14.7	13.7	75.10	59.10	1972 . .	4.37	12.5	10.1	(⁵)	131.50
1965 . . .	3.08	14.0	12.9	86.80	70.55	1973 . .	9.19	36.0	30.2	.....	145.40
1966 . . .	2.92	13.8	12.8	96.05	76.40	1974 . .	11.15	41.6	45.5	.....	125.75
1967 . . .	3.19	14.2	13.1	94.35	75.50	1975 . .	6.35	30.2	30.6	.....	128.60
1968 . . .	3.07	13.2	12.1	91.50	71.10	1976 . .	.....	33.1	28.6	.....	165.30
1969 . . .	2.87	12.7	11.8	89.95	69.00	1977 . .	.....	26.7	24.4	.....	130.30
1970 . . .	2.65	11.0	9.6	87.75	62.10	1978 ⁶ .	.....	26.5	24.0	.....	144.40
1971 . . .	2.68	10.3	8.8	85.80	67.75						

See footnotes on page 123.

Table 164.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1964–78

Year beginning June	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	June–Aug.	Sept–Nov.	Dec.–Feb.	Mar.–May	Total	Stocks June 1	Production	Imports for consumption	Exports and shipments	Production	Imports for consumption	Exports and shipments
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	5,542	6,179	5,136	4,382	21,239	138	427	(1)	20	391	(2)	76
1965	4,229	6,258	5,689	5,882	22,058	205	449	(1)	61	387	1	102
1966	4,875	6,235	4,533	4,533	20,196	260	415	(1)	136	371	1	121
1967	3,561	5,379	4,007	3,564	16,511	212	343	(1)	30	304	6	101
1968	2,651	4,825	3,700	3,260	14,436	205	301	(1)	108	263	(2)	69
1969	2,464	4,864	3,296	3,665	14,289	152	290	(1)	40	256	1	92
1970	3,533	4,689	4,549	5,384	18,155	130	365	(1)	47	328	2	83
1971	4,950	5,074	5,390	5,608	21,022	187	428	(1)	66	386	2	121
1972	5,642	5,579	4,380	4,331	19,932	275	393	(1)	256	370	3	175
1973	5,136	5,462	3,310	3,295	17,203	127	344	(1)	142	324	3	117
1974	3,569	4,928	3,071	1,818	13,386	71	263	(1)	143	254	(2)	140
1975	2,218	4,515	2,352	2,705	11,790	49	231	(1)	42	229	.....	141
1976	2,899	2,646	2,745	2,387	10,677	49	27	(1)	14	202	(2)	89
1977	2,897	2,887	2,638	3,193	11,615	88	217	(1)	25	219	(2)	94
1978 ³	4,310	2,483	.....	.....	.....	70	.....	.....	.....	.....	(2)	.....

¹ Less than 500,000 pounds. ² Less than 500 tons. ³ Preliminary.

Economics, Statistics, and Cooperatives Service — Economics.

Table 165.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1975–77¹

Continent and country of destination	Flaxseed			Linseed oil ³			Linseed cake and meal		
	1975	1976	1977 ²	1975	1976	1977 ²	1975	1976	1977 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:									
Canada	0	0	0	346	128	168	872	391	68
Mexico	0	0	0	7	23	12	23	0	83
Panama	0	0	0	32	48	3	0	0	0
Other countries	0	0	12	218	97	36	0	0	100
Total ⁴	0	0	12	601	295	219	894	391	250
South America:									
Peru	0	0	0	0	0	0	0	0	0
Venezuela	0	0	0	81	114	143	7	15	0
Other countries	0	0	0	25	67	34	0	0	0
Total ⁴	0	0	0	106	182	178	7	15	0
Europe:									
Belgium and Luxembourg	0	71	144	1,014	1,993	0	21	0	0
Denmark	0	0	0	0	0	0	0	0	0
France	0	0	53	0	14	7	0	0	0
Germany, Fed. Rep. of	7,670	415	148	0	37	363	80,285	36,663	40,134
Italy	0	0	0	1	5	1	0	0	0
Netherlands	8,692	4,334	16,975	9,220	38	8,551	41,105	26,001	27,162
Poland	0	0	8,001	5,620	3,505	0	7,525	16,358	76,017
Spain	0	0	0	5	0	0	0	0	0
Sweden	0	0	0	0	0	0	0	0	0
Switzerland	0	0	0	0	0	0	0	0	0
United Kingdom	0	0	0	2,028	12	2,042	0	0	0
Other countries	6,465	0	0	369	1	16	0	0	0
Total ⁴	22,827	4,820	25,322	18,258	5,606	10,980	128,936	79,022	143,313
Soviet Union	0	0	0	0	0	0	0	0	0

See footnotes at end of table.

Table 165.—Flaxseed, linseed oil, and linseed cake and meal United States exports by country of destination, crop years 1975–77¹—Continued

Continent and country of destination	Flaxseed			Linseed oil ³			Linseed cake and meal		
	1975	1976	1977 ²	1975	1976	1977 ²	1975	1976	1977 ²
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Africa	0	0	0	8	7	49	0	0	0
Asia:									
Japan	0	0	0	17	76	2	0	0	0
Korea, Rep. of	0	0	0	50	2	5	0	0	0
Philippines	0	0	0	14	10	8	0	0	0
Other countries	0	0	0	20	53	52	0	0	0
Total ⁴	0	0	0	101	142	68	0	0	0
Oceania:									
Australia	0	0	0	23	24	6	0	0	0
Other countries	0	0	0	1	2	4	0	0	0
Total ⁴	0	0	0	25	26	10	0	0	0
Grand total ⁴	\$24,174	\$4,968	\$25,423	19,099	6,258	11,505	129,838	79,429	143,563

¹ For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1.² Preliminary.³ Crude and refined combined as such. ⁴ Total may not add due to rounding. ⁵ Includes 1,346, 147, and 89 metric tons transshipped via Canada to unidentified countries in 1975, 1976, and 1977, respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 166.—Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1964–78

Crop of—	Area planted	Peanuts for nuts								
		Area harvested	Yield per acre	Production ¹	Used on farms where produced			Sold	Price	Value of production
					For seed ²	Fed and lost	Household use			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	1,487.3	1,397.2	1,502	2,099,144	33,151	2,521	4,467	2,059,005	11.2	235,006
1965	1,519.5	1,438.3	1,661	2,389,596	31,927	2,825	3,944	2,350,900	11.4	272,391
1966	1,490.1	1,420.7	1,700	2,415,731	27,661	2,675	3,351	2,382,044	11.3	272,861
1967	1,473.8	1,403.5	1,765	2,477,255	26,695	2,740	2,949	2,444,871	11.4	282,107
1968	1,495.9	1,438.4	1,770	2,546,591	22,765	2,281	2,654	2,518,891	11.9	303,726
1969	1,512.1	1,455.7	1,742	2,535,394	22,107	1,922	2,581	2,508,784	12.3	312,358
1970	1,517.6	1,469.2	2,030	2,983,121	20,704	1,963	2,853	2,957,601	12.8	382,967
1971	1,528.9	1,454.5	2,066	3,005,118	18,848	1,830	2,753	2,981,687	13.6	408,371
1972	1,532.8	1,486.4	2,203	3,274,761	17,359	³ 4,821		3,252,581	14.5	475,367
1973	1,530.2	1,495.7	2,323	3,473,837	18,723	4,705		3,450,409	16.2	562,460
1974	1,519.6	1,472.1	2,491	3,667,604	19,787	4,611		3,643,206	17.9	657,574
1975	1,531.9	1,504.0	2,565	3,857,122	⁴ 26,709			3,830,413	19.6	756,530
1976	1,548.6	1,521.5	2,465	3,750,890	26,811			3,724,079	20.0	750,260
1977	1,544.6	1,516.4	2,457	3,726,015	26,157			3,699,858	21.0	783,302
1978 ⁵	1,544.3	1,511.6	2,639	3,988,624	27,291			3,961,333	21.1	841,568

¹ Net weight basis. ² Seed used for planting the crop of the following year. ³ Beginning 1972, not estimated separately. ⁴ Beginning 1975, not estimated separately. ⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 167.—Peanuts, farmers' stocks: Stocks, production, and quantity milled, United States, 1964–78

Year beginning August	Stocks Aug. 1 ¹	Production harvested for nuts ²	Total supply	Milled ^{1,3}	Year beginning August	Stocks Aug. 1 ¹	Production harvested for nuts ²	Total supply	Milled ³
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	10,652	2,099,144	2,109,796	1,971,510	1972	27,394	3,274,761	3,302,155	2,888,272
1965	7,444	2,389,596	2,397,040	2,239,764	1973	56,899	3,473,837	3,530,736	3,050,986
1966	11,543	2,415,731	2,427,274	2,157,124	1974	38,392	3,667,604	3,705,996	2,922,924
1967	6,514	2,477,255	2,483,769	2,258,972	1975	226,991	3,857,122	4,084,113	3,461,504
1968	7,359	2,546,591	2,553,950	2,275,008	1976	250,005	3,750,890	4,000,895	3,455,100
1969	9,056	2,535,394	2,544,450	2,267,926	1977	54,366	3,726,015	3,780,381	3,348,732
1970	2,809	2,983,121	2,985,930	2,615,892	1978 ⁴	28,651	3,988,624	4,017,275	.....
1971	14,223	3,005,118	3,019,341	2,650,296					

¹ Beginning Aug. 1, 1966, net weight basis.² Net weight basis.³ Excludes peanuts milled for seed.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 168.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1964–78

Year beginning August	Peanuts crushed (shelled oil stock)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 ¹	Production of crude	Imports	Exports ²	Stocks Aug. 1 ³	Production
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	340,672	20,500	141,327	1	86,798	11,329	192,698
1965	373,547	19,800	155,591	2	23,273	5,195	206,610
1966	418,292	51,900	172,840	4	3,536	6,360	232,796
1967	483,992	47,800	199,205	8	5,752	19,122	266,341
1968	491,447	34,500	205,222	37	25,747	9,148	275,210
1969	437,127	33,700	181,961	41	35,663	8,876	243,848
1970	600,855	25,337	253,544	32	43,999	7,738	340,351
1971	612,322	41,784	259,994	15	74,865	21,587	334,428
1972	638,755	32,110	268,950	23	104,907	2,979	359,769
1973	513,552	37,317	213,896	1,123	60,529	6,962	284,997
1974	443,665	33,342	188,365	20	34,681	6,838	245,584
1975	1,088,087	34,053	475,961	1,850	97,712	10,374	601,243
1976	833,158	136,926	362,611	32	45,878	5,863	466,544
1977	366,227	221,545	150,971	25	126,547	11,719	208,144
1978 .....	.....	46,029	.....	.....	.....	10,933	.....

¹ Crude plus refined.² Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting.³ Holding at producing mills only.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 163

¹ Year beginning August for flaxseed; July for oil and meal.² Raw oil in tank cars.³ Bulk carlots, 34 percent protein.⁴ Bulk carlots, 32 to 37 percent protein.⁵ Discontinued.⁶ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 169.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1964–78

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports ¹	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1964	17,369	83,050	1,485	101,904	9,143	78,243	0.40
1965	14,518	93,837	751	109,106	4,553	90,846	.46
1966	13,707	92,173	1,512	107,392	964	92,850	.47
1967	13,578	93,328	1,708	108,614	363	92,879	.46
1968	15,372	103,380	871	119,623	992	103,766	.51
1969	14,865	107,026	201	122,092	1,530	104,503	.51
1970	16,059	119,146	1,269	136,474	6,436	114,072	.55
1971	15,966	121,009	1,299	138,274	35,801	81,588	.39
1972	20,885	113,341	1,039	135,265	4,369	113,237	.54
1973	17,659	149,503	79	167,241	66,094	86,055	.41
1974	15,092	132,185	127	147,404	17,703	111,872	.53
1975	17,829	154,768	207	172,804	22,708	119,529	.56
1976	30,567	150,764	432	181,763	24,765	138,841	.65
1977	18,157	198,076	379	216,612	64,284	126,690	.63
1978	25,638						

¹ Includes shipments to Puerto Rico; data through 1964 include shipments to Virgin Islands.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Foreign trade from the U.S. Department of Commerce.

Table 170.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1964–78

Year beginning August	Supply						Exports ¹	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock	Edible	Oil stock				
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	245,571	2,729	1,098,481	259,299	501	1,606,581	122,476	340,672
1965	225,965	3,961	1,229,627	317,001	383	1,776,937	175,221	373,547
1966	249,316	8,960	1,176,829	361,026	577	1,796,708	166,316	418,292
1967	245,678	19,096	1,272,713	347,543	557	1,885,587	148,295	483,992
1968	219,717	28,617	1,252,042	352,057	769	1,853,202	79,623	491,447
1969	226,758	23,434	1,284,838	315,672	335	1,851,037	100,051	437,127
1970	238,325	12,677	1,373,076	482,274	204	2,106,556	213,027	600,855
1971	290,965	27,081	1,385,585	518,747	859	2,223,237	403,397	612,322
1972	224,529	33,783	1,503,124	567,067	443	2,328,946	385,588	638,755
1973	240,686	25,586	1,678,534	509,306	444	2,454,556	523,986	513,552
1974	359,752	16,126	1,557,098	558,409	466	2,491,851	548,083	443,665
1975	279,401	20,734	1,590,916	914,655	290	2,805,996	318,229	1,088,087
1976	315,667	83,174	1,757,043	729,842	66	2,885,792	580,496	833,158
1977	372,518	29,803	1,881,663	468,753	52	2,752,789	711,776	366,227
1978	358,984	37,366						

¹ Includes shipments to Puerto Rico; data for 1964 include shipments to Virgin Islands.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Foreign trade from the U.S. Department of Commerce.

Table 171.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1964-77

Type, and year beginning August	Shelled uses						Apparent disappear- ance (cleaned in shell) ²
	Peanut butter ¹	Peanut butter sandwiches	Salted	Candy	Other	Total	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Virginia:							
1964	55,221	6,253	141,283	44,870	4,200	251,827	
1965	69,871	7,565	150,476	51,389	5,506	284,807	
1966	68,663	7,970	163,676	54,861	5,371	300,541	
1967	48,585	7,925	168,652	58,815	5,533	289,510	
1968	38,415	8,548	173,447	57,444	4,940	282,794	
1969	47,355	6,983	177,319	58,679	7,834	298,170	
1970	50,294	7,895	176,816	58,729	5,895	299,629	
1971	40,685	8,211	173,597	52,157	4,550	279,200	
1972	46,435	7,770	167,941	50,597	4,508	277,251	
1973	72,614	3,821	171,695	53,052	4,336	305,518	
1974	67,461	2,978	132,861	51,278	3,180	257,758	
1975	62,244	3,068	147,933	52,335	2,746	268,326	
1976	46,167	4,566	98,992	49,876	2,222	201,823	
1977	49,517	3,994	88,773	44,260	2,164	188,708	
Runner							
1964	241,217	9,988	4,199	29,552	7,399	292,349	
1965	235,617	9,925	3,965	32,093	8,668	290,268	
1966	210,146	9,890	5,116	41,144	7,703	273,999	
1967	239,313	10,335	5,087	51,096	8,449	314,280	
1968	212,443	9,795	6,408	62,177	9,608	300,431	
1969	209,676	10,318	6,217	71,252	9,600	307,063	
1970	232,567	9,941	5,820	95,373	7,743	351,444	
1971	250,903	12,004	11,948	109,463	8,431	392,749	
1972	265,938	12,983	29,665	122,164	8,694	439,444	
1973	330,043	16,020	51,555	115,278	10,502	523,398	
1974	415,720	13,781	86,092	101,728	7,435	624,756	
1975	447,182	15,204	94,633	124,423	9,742	691,184	
1976	455,900	17,192	102,603	121,193	11,874	708,762	
1977	492,439	23,020	144,309	126,101	13,735	799,604	
Spanish							
1964	183,655	4,024	56,966	86,118	4,253	335,016	
1965	194,002	4,012	58,918	96,577	4,139	357,648	
1966	201,578	4,756	59,929	102,422	4,325	373,010	
1967	225,830	4,133	58,891	106,235	3,259	398,348	
1968	273,892	3,735	60,168	106,751	3,954	448,500	
1969	283,483	4,354	57,375	106,444	3,714	455,370	
1970	257,489	7,481	56,168	89,137	3,933	414,208	
1971	265,259	5,379	56,106	84,426	3,987	415,157	
1972	265,688	4,893	56,824	87,087	4,371	418,863	
1973	257,314	4,041	61,057	83,174	4,457	410,043	
1974	167,803	3,609	59,332	64,028	3,764	298,536	
1975	138,631	2,685	59,069	62,918	3,509	266,812	
1976	115,870	2,460	52,227	63,961	3,726	238,244	
1977	81,870	1,182	41,137	64,858	2,783	191,830	
All types:							
1964	480,093	20,265	202,448	160,534	15,852	879,192	85,901
1965	499,490	21,502	213,359	180,059	18,313	932,723	94,648
1966	480,387	22,616	228,721	198,427	17,399	947,550	92,302
1967	513,728	22,393	232,630	216,146	17,241	1,002,138	91,534
1968	524,750	22,078	240,023	226,372	18,502	1,031,725	103,887
1969	540,514	21,655	240,911	236,375	21,148	1,060,603	105,831
1970	540,350	25,317	238,804	243,239	17,571	1,065,281	119,236
1971	556,847	25,594	241,651	246,046	16,968	1,087,106	116,089
1972	578,061	25,646	254,430	259,848	17,573	1,135,558	116,567
1973	659,971	23,882	284,307	251,504	19,295	1,238,959	152,070
1974	650,984	20,368	278,285	217,034	14,379	1,181,050	129,447
1975	648,057	20,957	301,635	239,676	15,997	1,226,322	142,029
1976	617,937	24,218	253,822	235,030	17,822	1,148,829	163,177
1977	623,826	28,196	274,219	235,219	18,682	1,180,142	190,593

¹Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.²Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

Table 172.—Peanuts: Area, yield, and production, by States 1976–78

State	Area planted			Peanuts for nuts								
				Area harvested			Yield per harvested acre			Production ²		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala . . .	216.0	216.0	216.0	214.0	215.0	214.0	2,400	2,740	2,630	513,600	589,100	562,820
Fla . . .	63.0	63.0	62.0	55.0	55.0	54.0	3,000	3,100	3,380	165,000	170,500	182,520
Ga . . .	529.0	530.0	530.0	526.0	526.0	526.0	2,955	2,850	3,300	1,554,330	1,499,100	1,735,800
Miss . .	9.0	7.5	8.3	8.5	7.0	8.0	1,450	1,650	2,000	12,325	11,550	16,000
N. Mex .	9.6	9.6	9.5	9.5	9.4	9.4	2,280	2,700	2,560	21,660	25,380	24,064
N. C . .	168.0	169.0	169.0	166.0	166.0	166.0	2,655	2,675	2,825	440,730	444,050	468,950
Okla . .	124.0	123.0	123.0	120.0	120.0	115.0	2,050	2,230	1,800	246,000	267,600	207,000
S. C . .	16.0	15.5	15.5	15.5	15.0	15.2	1,590	2,080	2,350	24,645	31,200	35,720
Tex . . .	310.0	306.0	307.0	304.0	300.0	301.0	1,525	1,315	1,450	463,600	394,500	436,450
Va . . .	104.0	105.0	104.0	103.0	103.0	103.0	3,000	2,845	3,100	309,000	293,035	319,300
U.S. . .	1,548.6	1,544.6	1,544.3	1,521.5	1,516.4	1,511.6	2,465	2,457	2,639	3,750,890	3,726,015	3,988,624

¹ Preliminary. ² Net weight basis.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 173.—Peanuts for nuts: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per pound	Value of—	
					Production	Sales
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	562,820	2,251	560,569	21.1	118,755	118,280
Fla	182,520	548	181,972	21.3	38,877	38,760
Ga	1,735,800	5,207	1,730,593	21.0	364,518	363,425
Miss	16,000	544	15,456	21.0	3,360	3,246
N. Mex	24,064	241	23,823	22.0	5,294	5,241
N. C	468,950	8,910	460,040	22.0	103,169	101,209
Okla	207,000	414	206,586	21.2	43,884	43,796
S. C	35,720	321	35,399	21.1	7,537	7,469
Tex	436,450	873	435,577	20.2	88,163	87,987
Va	319,300	7,982	311,318	21.3	68,011	66,311
U.S.	3,988,624	27,291	3,961,333	21.1	841,568	835,724

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 174.—Peanuts, farmers' stock: Average price per pound to growers, 1964–78¹

Crop year ²	Virginia type (Va.–N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias	Crop year ²	Virginia type (Va.–N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	12.8	11.0	11.2	12.7	1972	14.6	15.1	14.2	15.2
1965	12.1	11.0	11.3	12.0	1973	16.2	16.6	15.6	16.9
1966	12.2	10.6	11.3	11.4	1974	17.6	18.5	17.4	17.7
1967	11.9	11.4	10.9	12.4	1975	18.7	19.3	18.2	22.5
1968	13.0	11.5	11.8	13.0	1976	19.9	20.1	19.0	24.5
1969	13.4	12.4	12.4	13.6	1977	21.5	22.1	20.8	24.5
1970	13.8	13.0	12.5	13.9	1978	21.9	21.9	20.4	22.1
1971	14.2	14.6	13.6	13.8					

¹ Prices are based on average quality factors for each crop year as described in the price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.² Crop year begins about Oct. 1 in the Virginia-North Carolina Section; in August, in the Southeastern and in the Southwestern States.

Agricultural Marketing Service.

Table 175.—Peanuts, farmers' stock: Price-support operations, United States, 1964–78

Year beginning August	Support price		Put under support ^{2,3}		Owned by CCC July 31 ³
	Per pound	Percentage of parity ¹	Quantity	Percentage of production	
	<i>Cents</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>
1964	11.2	79	645	30.7	65
1965	11.2	77	733	30.7	89
1966	11.35	77	814	33.7	114
1967	11.35	75	685	27.7	12
1968	12.012	78	699	27.4	(4)
1969	12.375	76	622	24.5	(4)
1970	12.75	75	1,084	36.3	11
1971	13.425	75	1,238	41.2	4
1972	14.25	75	1,277	39.0	24
1973	16.425	75	1,029	29.6	0
1974	18.3	75	1,072	29.2	552
1975	19.725	75	1,136	29.5	958
1976	20.7	75	854	22.8	0
1977	21.525	75	535	14.4	2
1978	⁵ 21.0	67	⁶ 515	12.9	.....

¹ Percentage of the parity price as of the beginning of the marketing year.² Includes loans made and direct purchases.³ Includes shelled peanuts converted to farmers' stock basis.⁴ Less than 500,000 pounds.⁵ Quota peanuts were supported at 21.5 cents per pound and additional peanuts at 12.5 cents per pound.⁶ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 176.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1968–77¹

Classification	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Southeastern area:										
Georgia, Alabama, and Florida:										
Shelled:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Runner Jumbo ²	.....	.....	.....	24 1/8	25 7/8	29 3/4	32 1/4	33 1/2	34 3/8	37 1/4
Runner Medium	.....	.....	.....	.....	.....	.....	29 1/8	31 3/8	33	35 1/4
Runner U.S. Splits	19 1/2	20 1/4	20 5/8	22 5/8	23 1/4	26	26 1/2	27 1/8	26 3/4	32 1/4
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy	21 1/8	20 5/8	21 1/8	23 1/8	23 7/8	26 1/2	33 3/4	30 3/4	32 1/2	36 1/2
Shelled Virginias:										
Extra large	25 3/8	26 1/2	25 1/8	27 1/2	32 1/2	34 1/2	40 5/8	39 5/8	39 5/8	40 5/8
Medium	24 3/8	23 3/4	22 3/4	26 3/8	29 7/8	32 1/8	34 3/8	36 5/8	37 1/4	38 5/8
No. 2 with 70% splits	19 1/2	19 7/8	20 3/4	22 1/4	23 1/8	25 1/4	25 1/4	24 3/4	25 5/8	30 1/4
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1	20 1/4	22	21 3/4	23 3/8	24 1/4	30 1/8	30 7/8	34 1/4	36 1/4	40 1/8
Spanish U.S. Splits	19 1/4	20 1/2	21 1/4	23	23 1/2	26 7/8	27 1/4	27 1/8	27 1/2	33 1/2
New Mexico:										
Handpicked unshelled Valencias ³	19 1/2	20	20 5/8	21 3/4	22	25 1/2	29 3/4	31 3/8	32 1/8	34 1/2

¹ Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months.² Not reported before 1971 crop.³ No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

Table 177.—Peanuts:¹ Area and production in specified countries and the world, 1976–78

Continent and country	Harvested area ²			Production		
	1976	1977	1978 ³	1976	1977	1978 ³
	1,000 hectares	1,000 hectares	1,000 hectares	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
United States	616	614	613	1,701	1,690	1,805
Mexico	43	43	43	49	55	55
Cuba	15	15	15	15	15	15
Dominican Republic	76	63	63	40	40	40
Other countries	4	4	4	2	2	2
Total ⁴	754	739	738	1,807	1,802	1,917
South America:						
Argentina	309	367	428	339	601	370
Brazil ⁵	390	230	255	514	324	345
Paraguay	21	21	21	18	18	18
Uruguay	4	4	4	4	3	2
Other countries	39	43	61	45	53	70
Total	763	665	769	920	999	805
Europe:						
Total (including Soviet Union)	10	11	11	22	23	24
Africa:						
Sudan	750	771	1,050	705	705	1,009
Egypt	13	15	13	28	30	26
Cameroon	202	202	202	90	90	90
Ghana	105	105	105	61	76	76
Zaire	270	270	270	289	295	295
Gambia	173	173	173	125	100	125
Ivory Coast	52	52	52	49	49	50
Madagascar	42	43	43	48	48	48
Mali	97	97	97	125	125	125
Mozambique ⁶	200	200	200	72	80	70
Niger	254	254	254	125	100	100
Nigeria	920	820	820	350	643	600
Malawi	239	239	239	165	165	165
Southern Rhodesia	170	170	170	122	110	120
Zambia	102	35	35	7	6	6
Senegal	1,315	1,079	1,079	1,182	677	1,100
South Africa ⁵	156	174	214	146	240	305
Other countries	1,085	1,164	1,173	778	774	785
Total ⁴	6,145	5,863	6,189	4,467	4,313	5,095
Asia:						
Israel	6	6	6	24	21	27
Turkey (Europe and Asia)	23	22	23	55	50	52
China:						
Mainland	2,200	2,300	2,300	2,750	2,550	2,750
Taiwan	59	53	60	89	77	90
Burma ⁵	668	668	668	450	450	450
India	6,948	7,175	7,300	5,264	6,069	6,200
Indonesia	411	411	410	450	450	400
Japan ⁵	38	35	35	65	69	62
Pakistan ⁵	45	47	47	64	66	66
Philippines	61	61	61	41	46	46
Thailand	120	122	130	152	140	170
Other countries	164	163	165	193	184	197
Total ⁴	10,743	11,063	11,205	9,597	10,172	10,510
Oceania: Australia	27	31	28	36	32	35
World total ⁴	18,442	18,372	18,940	16,849	17,341	18,386

¹ Peanuts in the shell. Southern Hemisphere peanut crop, which is harvested from April to June, is combined with that of the Northern Hemisphere harvested from September through December of the same year.

² Harvested area as far as possible.

³ Preliminary.

⁴ Includes estimates for the above countries for which data are not available.

⁵ Planted area.

⁶ Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 178.—Soybeans: Area, yield, production, disposition, and value, United States, 1964–78

Year	Area planted	Soybeans for beans							
		Area harvested	Yield per acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers ¹	Value of production
					For seed	Fed to livestock			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	31,721	30,793	22.8	700,921	21,219	853	678,849	2.62	1,836,441
1965	35,227	34,449	24.5	845,608	21,970	852	822,786	2.54	2,151,305
1966	37,294	36,546	25.4	928,481	23,322	949	904,210	2.75	2,553,612
1967	40,819	39,805	24.5	976,439	23,092	921	952,426	2.49	2,433,519
1968	42,265	41,391	26.7	1,106,958	21,301	873	1,084,784	2.43	2,688,571
1969	42,534	41,337	27.4	1,133,120	20,260	885	1,111,975	2.35	2,664,204
1970	43,082	42,249	26.7	1,127,100	19,398	1,074	1,106,628	2.85	3,214,710
1971	43,476	42,705	27.5	1,176,101	20,793	1,082	1,154,226	3.03	3,560,022
1972	46,866	45,683	27.8	1,270,608	22,569	1,116	1,246,923	4.37	5,550,074
1973	56,549	55,667	27.8	1,547,543	22,521	1,250	1,523,772	5.68	8,790,042
1974	52,479	51,341	23.7	1,216,287	24,263	1,054	1,190,970	6.64	8,078,943
1975	54,550	53,579	28.9	1,547,383	² 21,055		1,526,328	4.92	7,617,984
1976	50,226	49,358	26.1	1,287,560	23,893		1,263,667	6.81	8,768,979
1977	58,760	57,612	30.6	1,761,755	25,427		1,736,328	5.88	10,352,409
1978 ³	64,044	63,003	29.2	1,842,647	26,067		1,816,580	6.65	12,244,852

¹Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

²Beginning 1975, not estimated separately.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 179.—Soybeans: Stocks on and off farms, United States, 1964–79

Year	On farms				Off farms ³			
	Jan. 1	Apr. 1	July 1 ¹	Sept. 1 ²	Jan. 1	Apr. 1	July 1 ¹	Sept. 1 ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	260,422	190,607	72,599	15,144	297,510	185,825	98,216	16,767
1965	190,728	98,002	22,982	7,568	334,820	249,035	108,465	22,131
1966	284,312	149,747	19,155	4,412	334,554	225,888	114,867	31,227
1967	344,394	217,411	84,611	41,626	377,041	240,500	114,170	48,511
1968	350,816	235,842	120,602	60,709	432,333	301,182	164,389	105,618
1969	410,168	276,930	141,360	71,852	550,329	452,343	316,815	254,992
1970	372,069	209,236	78,711	40,580	683,425	525,001	324,676	189,256
1971	391,960	246,491	90,595	20,554	553,012	369,063	190,832	78,225
1972	397,631	218,618	58,440	11,779	491,387	333,677	174,394	60,183
1973	428,798	145,261	33,847	9,412	437,924	358,372	145,352	50,222
1974	607,233	331,211	150,738	64,414	552,756	405,943	190,865	106,337
1975	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,922
1976	590,466	411,366	253,963	86,150	665,689	456,283	300,938	158,781
1977	473,120	227,723	92,374	32,748	559,045	390,214	243,335	70,168
1978	672,861	393,684	207,102	59,000	652,400	455,448	298,815	102,044
1979 ⁴	689,856	403,910	.....	.....	692,534	467,565	.....	.....

¹Beginning 1976, estimates are for June 1.

²Old crop only. Prior to 1966, estimates are for Oct. 1.

³Stocks at mills, elevators, warehouses, processing plants, and terminals.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 180.—Soybeans: Supply and disappearance, United States, 1964–78

Year beginning September	Supply					
	Stocks by position				Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation ¹	Total		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964				67,300	700,921	768,221
1965	7,568	22,132		29,700	845,608	875,308
1966	4,412	31,227		35,639	928,481	964,120
1967	41,626	48,511		90,137	976,439	1,066,576
1968	60,709	105,589	29	166,327	1,106,958	1,273,285
1969	71,852	249,666	5,326	326,844	1,133,120	1,459,964
1970	40,580	180,518	8,738	299,836	1,127,100	1,356,936
1971	20,554	78,223	2	98,779	1,176,101	1,274,880
1972	11,779	60,183		71,962	1,270,608	1,342,570
1973	9,412	50,222		59,634	1,547,543	1,607,177
1974	64,414	106,337		170,751	1,216,287	1,387,038
1975	78,229	109,922		188,151	1,547,383	1,735,534
1976	86,150	158,781		244,931	1,287,260	1,532,491
1977	32,748	70,168		102,916	1,716,334	1,864,671
1978 ²	59,000	102,044		161,044	1,772,364	2,003,691

Year beginning September	Disappearance				
	Seed ³	Crushed ⁴	Feed and residual ³	Net exports ⁵	Total
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	40,285	478,980	7,082	212,175	738,522
1965	42,752	537,477	8,849	250,591	839,669
1966	47,110	559,403	5,879	261,591	873,983
1967	48,563	576,390	8,719	266,577	900,249
1968	47,302	605,920	6,443	286,776	946,441
1969	48,533	737,349	11,644	432,602	1,230,128
1970	48,105	760,129	16,122	433,801	1,258,157
1971	50,986	720,544	14,559	416,829	1,202,918
1972	60,755	721,800	20,940	479,441	1,282,936
1973	56,093	821,313	19,890	539,130	1,436,426
1974	57,226	701,262	19,697	420,702	1,198,887
1975	53,542	865,121	16,845	555,095	1,490,603
1976	65,000	790,204	10,308	564,063	1,429,575
1977 ²		926,658	78,469	700,483	1,703,627

¹ Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in the estimates by positions.

² Preliminary.

³ Seed, feed, and residual are combined, beginning 1977.

⁴ Reported by the U.S. Department of Commerce.

⁵ Imports negligible.

Economics, Statistics, and Cooperatives Service — Economics.

FOOTNOTES FOR TABLE 182

¹ Includes estimates of foreign donations not reported by the U.S. Department of Commerce.

² Preliminary.

Economics, Statistics, and Cooperatives Service — Economics. Data from the U.S. Department of Commerce.

Table 181.—Soybeans: Area, yield, and production, by States, 1976–78

State	Area planted			Soybeans for beans								
	1976	1977	1978 ¹	Area harvested			Yield per harvested acre			Production		
				1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala.	1,200	1,650	2,000	1,170	1,600	1,950	24.0	21.0	22.0	28,080	33,600	42,900
Ark.	4,360	4,650	4,750	4,320	4,600	4,700	19.0	23.0	24.0	82,080	105,800	112,800
Del.	208	230	250	205	225	245	24.0	24.0	28.0	4,920	5,400	6,860
Fla.	259	334	411	253	327	400	26.0	25.0	24.0	6,578	8,175	9,600
Ga.	890	1,250	1,750	870	1,090	1,680	23.5	20.0	17.5	20,445	21,800	29,400
Ill.	7,600	8,900	9,250	7,560	8,850	9,190	33.0	38.0	33.0	249,480	336,300	303,270
Ind.	3,300	3,930	4,150	3,280	3,900	4,130	34.0	37.0	34.0	111,520	144,300	140,420
Iowa.	6,470	7,100	7,600	6,450	7,080	7,550	31.0	35.5	38.0	199,950	251,340	286,900
Kans.	900	1,020	1,480	865	990	1,450	15.0	28.5	18.0	12,975	28,215	26,100
Ky.	1,100	1,350	1,450	1,070	1,320	1,410	27.0	31.0	30.0	28,890	40,920	42,300
La.	2,280	2,750	2,900	2,250	2,680	2,840	28.0	23.5	25.0	63,000	62,980	71,000
Md.	300	330	350	295	325	345	25.0	27.0	32.0	7,375	8,775	11,040
Mich.	570	730	810	565	720	800	20.5	30.0	24.0	11,583	21,600	19,200
Minn.	3,050	3,800	4,100	3,020	3,770	4,060	22.0	35.5	35.0	66,440	133,835	142,100
Miss.	3,335	3,750	3,900	3,250	3,650	3,800	22.0	21.5	21.5	71,500	78,475	81,700
Mo.	4,300	4,730	5,500	4,200	4,650	5,440	20.0	32.0	28.5	84,000	148,800	155,040
Nebr.	995	1,150	1,270	980	1,130	1,250	20.0	36.0	34.0	19,600	40,680	42,500
N.J.	140	185	210	138	177	206	24.0	24.0	30.0	3,312	4,248	6,180
N.Y.	12	21	23	12	19	22	26.0	23.0	23.0	312	437	506
N.C.	1,220	1,450	1,620	1,120	1,320	1,550	22.0	22.0	24.0	24,640	29,040	37,200
N. Dak.	150	180	175	147	175	173	12.5	20.0	27.5	1,838	3,500	4,758
Ohio.	2,900	3,400	3,780	2,880	3,380	3,750	33.0	35.5	33.0	95,040	119,990	123,750
Okla.	260	360	340	250	340	315	22.0	23.0	17.0	5,500	7,820	5,355
Pa.	52	70	65	50	67	62	29.0	31.0	31.5	1,450	2,077	1,953
S.C.	1,230	1,350	1,510	1,190	1,300	1,470	18.0	20.5	22.0	21,420	26,650	32,340
S. Dak.	280	320	400	271	315	390	17.0	30.5	30.5	4,607	9,608	11,895
Tenn.	1,920	2,320	2,530	1,800	2,220	2,420	22.5	23.5	23.5	40,500	52,170	56,870
Tex.	375	800	800	347	760	745	26.0	26.5	26.0	9,022	20,140	19,370
Va.	410	450	450	398	440	445	20.5	19.0	28.0	8,159	8,360	12,460
Wis.	160	200	220	152	192	215	22.0	35.0	32.0	3,344	6,720	6,880
U.S.	50,226	58,760	64,044	49,358	57,612	63,003	26.1	30.6	29.2	1,287,560	1,761,755	1,842,647

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 182.—Soybeans: Crushing, and oil and meal stocks, production, and foreign trade, United States, 1964–78

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.–Dec.	Jan.–Mar.	Apr.–June	July–Sept.	Total	Stocks Oct. 1	Production	Exports and shipments	Stocks Oct. 1	Production	Exports
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964.	131,139	121,617	116,197	104,121	473,074	578	5,146	11,357	122	11,286	2,036
1965.	141,237	144,717	138,699	117,730	542,383	297	5,800	948	106	12,901	2,604
1966.	143,653	142,106	145,507	135,054	566,320	462	6,076	1,105	132	13,483	2,657
1967.	152,600	148,090	140,960	130,777	572,427	596	6,032	993	138	13,660	2,899
1968.	162,479	149,442	155,465	147,837	615,223	540	6,531	899	145	14,581	3,044
1969.	186,968	184,637	193,571	177,961	743,137	415	7,904	1,449	157	17,596	4,035
1970.	200,759	191,422	188,632	180,452	761,265	543	8,265	1,782	137	18,035	4,559
1971.	183,334	187,975	178,657	168,297	718,263	773	7,892	1,440	146	17,024	3,805
1972.	206,728	199,750	172,122	132,446	711,046	785	7,501	1,088	192	16,708	4,745
1973.	207,370	220,861	210,723	194,517	833,471	516	8,995	1,461	183	19,674	5,548
1974.	182,656	178,196	163,587	179,710	704,149	794	7,375	1,090	507	16,702	4,299
1975.	202,260	222,106	231,457	203,666	877,489	561	9,630	1,034	358	20,754	5,145
1976.	219,012	218,168	184,431	151,666	773,277	1,251	8,578	1,608	355	18,488	4,614
1977.	247,701	247,190	235,108	216,180	946,179	767	8,721	2,137	228	22,371	6,141
1978 ²	275,260	.....	.....	.....	.....	729	.....	.....	243	.....	.....

See footnotes on page 130.

Table 183.—Soybeans for beans: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	42,900	343	42,557	6.70	287,430	285,132
Ark	112,800	2,030	110,770	6.70	755,760	742,159
Del	6,860	158	6,702	6.50	44,590	43,563
Fla	9,600	67	9,533	6.80	65,280	64,824
Ga	29,400	588	28,812	6.40	188,160	184,397
Ill	303,270	3,639	299,631	6.65	2,016,746	1,992,546
Ind	140,420	1,685	138,735	6.75	947,835	936,461
Iowa	286,900	2,582	284,318	6.60	1,893,540	1,876,499
Kans	26,100	600	25,500	6.60	172,260	168,300
Ky	42,300	508	41,792	6.70	283,410	280,006
La	71,000	213	70,787	6.60	468,600	467,194
Md	11,040	243	10,797	6.50	71,760	70,181
Mich	19,200	499	18,701	6.70	128,640	125,297
Minn	142,100	2,700	139,400	6.55	930,755	913,070
Miss	81,700	1,062	80,638	6.70	547,390	540,275
Mo	155,040	2,326	152,714	6.70	1,038,768	1,023,184
Nebr	42,500	850	41,650	6.50	276,250	270,725
N.J	6,180	117	6,063	6.85	42,333	41,532
N.Y	506	40	466	6.25	3,163	2,913
N.C	37,200	670	36,530	6.75	251,100	246,578
N. Dak	4,758	76	4,682	6.45	30,689	30,199
Ohio	123,750	1,732	122,018	6.75	835,313	823,622
Okla	5,355	161	5,194	6.35	34,004	32,982
Pa	1,953	94	1,859	6.30	12,304	11,712
S.C	32,340	938	31,402	6.80	219,912	213,534
S. Dak	11,895	345	11,550	6.50	77,318	75,075
Tenn	56,870	1,137	55,733	6.50	369,655	362,265
Tex	19,370	58	19,312	6.25	121,063	120,700
Va	12,460	324	12,136	6.80	84,728	82,525
Wis	6,880	282	6,598	6.70	46,096	44,207
U.S	1,842,647	26,067	1,816,580	6.65	12,244,852	12,071,657

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 184.—Soybeans: Price-support operations, United States, 1964–79

Year beginning September ¹	Support price		Put under support ³		Acquired by CCC under support program ⁴	Owned by CCC Aug. 31 ¹
	Per bushel	Percentage of parity ²	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	2.25	74	28,573	4.1	8	9
1965	2.25	74	86,517	10.2	29	9
1966	2.50	78	153,521	16.5	26,421	7,340
1967	2.50	76	201,371	20.6	84,361	29,435
1968	2.50	74	340,271	30.8	170,102	171,423
1969	2.25	62	179,499	15.9	232	150,191
1970	2.25	60	146,420	13.0	37	2,500
1971	2.25	56	168,204	14.3	45	1
1972	2.25	54	90,555	7.1	7	.....
1973	2.25	45	124,177	8.0	4	.....
1974	2.25	37	34,554	2.8	.....	.....
1975	(⁵)	.....	.....	.....	.....	.....
1976	2.50	34	22,471	1.7	.....	.....
1977	3.50	46	97,548	5.5	.....	.....
1978	4.50	51	62,200	3.4	.....	.....
1979	4.50	51	.....	.....	.....	.....

¹ Year beginning October through 1964; CCC-owned stocks as of Sept. 30 through 1965.² Percentage of the parity price as of the beginning of the marketing year.³ Includes loans made, purchase agreements entered into, and direct purchases.⁴ Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.⁵ Price support not authorized for the 1975 crop.⁶ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 185.—Soybeans, soybean oil, and meal: Average price at specified markets, 1964–77

Year beginning October	Soybeans per bushel: No. 2 Yellow Chicago ¹	Oil, domestic, per pound		Meal per ton: 44 percent protein bulk, Decatur	Year beginning October	Soybeans, per bushel: No. 2 Yellow Chicago ¹	Oil, domestic, per pound		Meal, per ton: 44 percent protein, bulk, Decatur
		Crude, tanks, mid-western mills	Refined, tanks New York ²				Crude, tanks, mid-western mills	Refined, tanks, New York ²	
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>
1964	2.82	11.3	13.4	72.20	1971	3.10	11.4	12.7	90.20
1965	2.63	11.8	13.6	81.50	1972	5.34	16.1	17.7	229.00
1966	2.92	10.1	12.4	78.80	1973	6.78	31.3	33.0	146.30
1967	2.64	8.4	10.5	76.90	1974	5.31	30.5	33.1	131.70
1968	2.56	8.3	10.4	74.10	1975	4.65	18.4	23.5	147.80
1969	2.68	11.0	13.1	78.40	1976 . . . .	.....	24.0	29.2	199.80
1970	2.98	12.9	14.6	78.50	1977 . . . .	.....	29.7	26.9	198.10

¹ Prices are weighted by carlot sales.² Quotations are price-per-pound drums prior to January 1959.

Economics, Statistics, and Cooperatives Service—Economics.

Table 186.—Soybeans: Area, yield and production in specified countries and the world, 1976–78¹

Continent and country	Area ²			Yield per acre			Production		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada	153	202	263	1.63	2.61	1.81	250	527	475
United States ⁴	19,975	23,315	25,497	1.75	2.06	1.97	35,042	47,947	50,149
Mexico	170	305	175	1.65	1.61	1.71	280	490	300
South America:									
Argentina	434	660	950	1.60	2.12	2.84	695	1,400	2,700
Brazil	6,290	7,040	7,600	1.72	1.73	1.31	10,810	12,200	9,950
Colombia	38	57	71	1.97	1.81	1.90	75	103	135
Paraguay ⁵	173	229	300	1.64	1.64	.917	284	375	275
Europe:									
Romania	155	171	202	1.37	1.25	.946	213	213	191
Yugoslavia	31	32	35	1.55	2.09	1.71	48	67	60
Soviet Union (Europe and Asia)	762	786	836	.630	.693	.778	480	545	650
Africa:									
Nigeria ⁶	4	5	5	.250	.600	.600	1	3	3
South Africa ^{5,7}	22	25	25	.818	1.12	1.48	18	28	37
Asia:									
Iran	30	32	20	1.33	1.97	3.15	40	63	63
Turkey (Europe and Asia)	6	6	6	1.17	1.33	1.17	7	8	7
China:									
Mainland	9,000	9,100	9,100	1.00	1.04	1.10	9,000	9,500	10,000
Taiwan	36	30	30	1.47	1.73	2.00	53	52	60
Indonesia	646	646	640	.913	.808	.817	590	522	523
Japan ⁵	87	83	79	1.45	1.33	1.41	126	110	111
Kampuchea	4	4	4	1.00	1.00	1.00	4	4	4
Korea, Rep. of ⁵	274	248	251	1.14	1.19	1.27	311	295	319
Philippines	8	8	8	.750	1.25	1.25	6	10	10
Thailand	102	110	128	1.19	.955	1.05	121	105	135
Other countries	630	669	821	.840	.985	1.81	529	659	1,485
World total ⁸	39,030	43,763	47,046	1.51	1.72	1.65	58,983	75,226	77,642

¹ Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year.² Harvested area as far as possible.³ Preliminary.⁴ Area harvested for beans.⁵ Planted area.⁶ Quantities purchased by the Nigerian Marketing Boards for exports.⁷ European farms only.⁸ Includes estimates for the above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 187.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1975–77¹

Continent and country of destination	Soybeans			Soybean oil ³			Soybean oilseed cake and meal		
	1975	1976	1977 ²	1975	1976	1977 ²	1975	1976	1977 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:									
Barbados	0	5	45	47	34	51	3,306	4,140	3,662
Canada	394,637	461,854	263,603	31,756	25,959	27,736	277,816	256,390	339,465
Haiti	0	0	0	14,260	17,186	13,756	132	0	1,481
Jamaica	16	18,388	44,821	1,311	4,748	3,773	35,472	31,615	8,648
Mexico	12,622	377,113	525,027	3,062	15,352	29,592	7,487	190,490	95,410
Netherlands	0	0	0	955	1,371	1,374	883	1,145	431
Antilles	0	0	0	13,160	12,491	8,293	771	6,994	4,447
Panama	3,425	0	0						
Total ⁴	445,372	876,809	863,882	83,414	86,019	108,559	404,023	573,946	562,506
South America:									
Bolivia	0	0	0	111	388	889	0	0	0
Chile	7	0	0	953	11,954	21,972	0	108	152
Colombia	0	0	18	14,208	27,278	44,053	1,672	14,373	464
Ecuador	0	1	0	19,534	16,196	26,006	39	319	3,311
Peru	34,303	26,156	35,000	14,516	57,326	68,603	0	0	0
Surinam	0	0	5	5	23	7	0	0	0
Venezuela	15,334	22,229	54,281	0	768	369	84,247	127,624	114,200
Total ⁴	50,598	48,483	91,715	49,337	114,239	162,798	91,142	148,491	121,498
Europe:									
Belgium and Luxembourg	482,222	410,611	475,343	0	1	1,999	238,175	83,426	36,986
Czechoslovakia	0	0	0	0	0	0	181,520	100,221	63,714
Denmark	411,171	306,468	423,258	4	7	3	35,052	36,775	26,069
Ecuador	272,352	460,414	572,533	3	2	4,999	761,882	130,970	146,611
Germany, Fed. Rep. of	1,239,848	1,520,111	1,521,358	2	315	7,879	1,008,479	953,078	1,039,685
Greece	49,634	47,940	82,929	130	0	0	17,256	22,542	39,432
Iceland	0	0	0	26	0	40	0	0	0
Ireland	0	0	0	0	0	5	49,071	36,088	83,573
Italy	826,478	855,206	870,277	0	1	89	421,429	428,753	741,607
Netherlands	3,552,049	3,007,381	4,085,923	4	2,000	14,202	102,501	565,778	654,668
Norway	209,373	201,217	233,028	0	0	0	5	0	0
Poland	60,926	15,037	129,937	5,037	0	1,514	360,841	256,943	493,318
Spain	1,326,099	1,029,731	1,532,049	0	0	0	347,309	143,330	237,282
Sweden	0	0	39	0	2	88	39	0	346
Switzerland	39,510	113,524	59,785	0	1,499	41,749	72,891	83,226	83,226
United Kingdom	383,904	405,563	622,685	527	41	1,510	54,466	46,686	64,906
Yugoslavia	0	40,081	149,681	9,866	0	0	183,459	95,168	113,067
Total ⁴	9,246,810	8,600,543	11,168,846	15,601	2,369	34,129	3,977,488	3,078,138	4,218,134
Soviet Union	310,488	825,377	744,180	0	0	0	0	0	495
Africa:									
Algeria	0	0	0	1,020	510	510	0	1,562	4,564
Morocco	0	28,322	48,446	4,911	2,973	5,646	0	0	0
South Africa	0	0	170	640	30	357	5,580	293	0
Egypt	0	21,031	40,713	472	1,376	6,101	15,658	20,122	54,099
Total ⁴	0	49,460	111,331	11,704	19,032	40,516	21,238	22,339	69,533
Asia:									
China, Taiwan	893,863	696,598	854,215	1,000	101	20	56	17,000	709
India	0	0	37	15,819	252,208	247,734	194	3,023	1,462
Israel	377,238	361,813	448,245	9,899	3,148	6,311	0	15	5
Japan	3,213,914	3,218,577	3,636,412	11,986	10	353	120,125	217,465	271,287
Korea, Rep. of	83,368	155,987	235,591	816	9	236	0	0	18,644
Pakistan	100	0	0	150,783	119,214	95,814	0	0	0
Philippines	6,372	19,224	23,382	151	28	502	96	40	21,032
Turkey	0	0	0	2,501	0	45	0	0	0
Total ⁴	4,676,144	4,531,689	5,467,244	267,080	455,313	560,677	170,172	282,925	517,660
Oceania:									
Australia	9,915	21,661	14,893	13,056	20,054	20,951	2,239	9,877	24,119
New Zealand	0	0	550	2,373	4,540	4,081	909	913	1,279
Total ⁴	9,923	21,667	15,459	15,474	24,956	26,244	3,148	10,789	25,872
Grand total ⁵	⁶ 15,107,188	⁶ 15,351,432	⁶ 19,061,083	442,610	701,929	932,924	4,667,212	4,116,627	5,515,698

Table 188.—Sunflower: Area, yield, production, and value, United States, 1962–78¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962	13	12.5	980	12,250	5.50	674
1963	31	30	970	29,100	4.35	1,266
1964	41.5	40	644	25,760	4.12	1,061
1965	49.5	46	827	38,050	4.87	1,852
1966	76	73	894	65,240	5.63	3,673
1967	221	216	1,037	223,960	4.82	10,804
1968	156	151	1,031	155,670	4.30	6,699
1969	195	185	927	171,430	4.59	7,870
1970	219	207	902	186,670	4.91	9,157
1971	405	392	1,050	411,680	5.09	20,973
1972	719	692	916	633,560	4.86	30,768
1973	678	666	1,080	719,070	8.52	61,243
1974	572	548	957	524,705	15.90	83,219
1975	787	709	1,109	786,010	10.80	84,962
1976	834	810	1,058	857,100	11.00	94,229
1977	2,321	2,205	1,252	2,760,470	10.20	280,428
1978	2,840	2,798	1,377	3,852,540	10.70	413,524

¹ Minnesota, North Dakota, South Dakota and Texas; prior to 1977, Minnesota and North Dakota, except 1962–63 North Dakota only.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 189.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1967–78¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1967	95.8	92.8	1,096	101,735	4.65	4,730
1968	54	52.8	1,112	58,710	3.79	2,224
1969	55.2	52	1,087	56,500	3.93	2,223
1970	77	73	945	69,000	4.13	2,850
1971	164	159	1,108	176,220	4.49	7,907
1972	510	493	939	463,010	4.70	21,779
1973	495	486	1,138	553,200	8.06	44,567
1974	321	309	1,010	312,025	16.70	51,976
1975	573	523	1,117	584,000	10.50	61,137
1976	616	600	1,072	643,200	10.70	68,796
1977	2,075	1,965	1,258	2,472,120	10.10	249,348
1978	2,598	2,559	1,383	3,538,140	10.70	379,576

¹ Minnesota, North Dakota, South Dakota and Texas; prior to 1977, Minnesota and North Dakota.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 190.—Sunflower, Non-Oil Varieties: Area, yield, production, and value, United States, 1967–78¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1967	125.2	123.2	992	122,225	4.97	6,074
1968	102	98.2	987	96,960	4.62	4,475
1969	139.8	133	864	114,930	4.91	5,647
1970	142	134	878	117,670	5.36	6,307
1971	241	233	1,011	235,460	5.55	13,068
1972	209	199	857	170,550	5.27	8,989
1973	183	180	922	165,870	8.20	13,609
1974	251	239	890	212,680	14.70	31,243
1975	214	186	1,086	202,010	11.80	23,825
1976	218	210	1,019	213,900	11.90	25,433
1977	246	240	1,201	288,350	10.80	31,080
1978	242	239	1,315	314,400	10.80	33,948

¹Minnesota, North Dakota, South Dakota and Texas; prior to 1977, Minnesota and North Dakota.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 191.—Sunflower: Area, yield, production, and value, by States, 1977–78

State	Area planted		Area harvested		Yield per harvested acre		Production		Season average price per cwt.		Value of production	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Oil Varieties												
Minn	455	650	449	640	1,590	1,540	713,910	985,600	10.00	11.60	71,391	114,330
N. Dak	1,190	1,740	1,155	1,731	1,270	1,360	1,466,850	2,354,160	10.50	10.40	154,019	244,833
S. Dak	135	164	131	159	960	1,120	125,760	178,080	8.50	10.30	10,690	18,342
Tex	295	44	230	29	720	700	165,600	20,300	8.00	10.20	13,248	2,071
U.S.	2,075	2,598	1,965	2,559	1,258	1,383	2,472,120	3,538,140	10.10	10.70	249,348	379,576
Non-Oil Varieties												
Minn	70	60	69	58	1,350	1,490	93,150	86,420	10.50	10.50	9,781	9,074
N. Dak	170	180	165	179	1,160	1,260	191,400	225,540	10.90	10.90	20,863	24,584
S. Dak	1	1	1	1	800	940	800	940	9.50	10.80	76	102
Tex	5	1	5	1	600	1,500	3,000	1,500	12.00	12.50	360	188
U.S.	246	242	240	239	1,201	1,315	288,350	314,400	10.80	10.80	31,080	33,948
Total												
Minn	525	710	518	698	1,558	1,536	807,060	1,072,020	10.10	11.50	81,172	123,404
N. Dak	1,360	1,920	1,320	1,910	1,255	1,351	1,658,250	2,579,700	10.60	10.40	174,882	269,417
S. Dak	136	165	132	160	959	1,119	126,560	179,020	8.51	10.30	10,766	18,444
Tex	300	45	235	30	717	727	168,600	21,800	8.07	10.40	13,608	2,259
U.S.	2,321	2,840	2,205	2,798	1,252	1,377	2,760,470	3,852,540	10.20	10.70	280,428	413,524

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 192.—Peppermint oil: Area, yield, production, and value, United States, 1962–78

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962	42.0	41.7	57	2,382	5.04	12,010
1963	43.8	43.4	55	2,387	4.74	11,305
1964	46.1	45.8	56	2,552	4.64	11,836
1965	46.8	43.7	61	2,667	5.46	14,575
1966	59.2	58.3	56	3,291	5.56	18,300
1967	65.7	64.8	71	4,599	5.55	25,518
1968	75.5	74.6	55	4,137	5.17	21,387
1969	81.2	80.4	59	4,750	4.83	22,948
1970	79.0	78.4	64	5,007	3.68	18,438
1971	65.5	64.7	58	3,746	4.10	15,377
1972	61.4	57.1	53	3,004	5.25	15,765
1973	59.6	58.7	54	3,173	7.89	25,036
1974	61.8	61.0	54	3,302	13.80	45,696
1975	(1)	68.1	55	3,753	12.60	47,120
1976		72.2	51	3,700	14.80	54,702
1977		86.9	51	4,409	14.30	63,209
1978		100.0	57	5,728	10.60	60,962

¹ Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 193.—Spearmint oil: Area, yield, production, and value, United States, 1962–78

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962	21.2	21.1	53	1,123	2.83	3,183
1963	13.0	12.4	57	707	3.06	2,166
1964	9.7	9.5	51	489	3.68	1,799
1965	10.8	10.4	55	570	4.99	2,847
1966	16.8	16.6	63	1,050	5.73	6,012
1967	21.3	21.1	77	1,632	5.50	8,971
1968	24.8	24.3	58	1,414	5.70	8,059
1969	33.8	33.3	59	1,980	5.12	10,134
1970	33.2	32.6	65	2,126	4.64	9,875
1971	31.5	30.9	65	2,008	4.18	8,403
1972	25.6	24.6	61	1,511	5.14	7,766
1973	25.4	25.0	54	1,351	8.22	11,104
1974	26.9	26.4	55	1,463	10.70	15,666
1975	(1)	28.0	64	1,778	10.40	18,461
1976		29.0	58	1,686	12.30	20,778
1977		37.1	63	2,329	12.40	28,947
1978		46.1	70	3,244	7.46	24,200

¹ Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 194.—Mint Oil: Production and value, by States,
1976-78

State	Production			Price per pound			Value of production		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Peppermint:									
Idaho	275	356	670	14.00	13.50	7.20	3,850	4,806	4,824
Ind	238	216	347	14.10	16.40	14.00	3,356	3,542	4,858
Oreg	2,310	2,805	3,306	15.00	14.30	11.00	34,650	40,112	36,366
Wash	534	794	1,126	14.10	13.60	9.90	7,529	10,798	11,147
Wis	343	238	279	15.50	16.60	13.50	5,317	3,951	3,767
U.S.	3,700	4,409	5,728	14.80	14.30	10.60	54,702	63,209	60,962
Spearmint:									
Idaho	174	273	403	15.00	14.50	7.00	2,610	3,959	2,821
Ind	187	165	194	14.20	16.90	12.50	2,655	2,789	2,425
Mich	98	79	104	12.10	16.50	12.60	1,186	1,304	1,310
Wash	1,123	1,705	2,402	11.10	11.10	6.70	12,465	18,926	16,093
Wis	104	107	141	17.90	18.40	11.00	1,862	1,969	1,551
U.S.	1,686	2,329	3,244	12.30	12.40	7.46	20,778	28,947	24,200

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 187

¹ For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.² Preliminary.³ Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census.⁴ Includes quantities exported to countries not shown.⁵ Total may not add due to rounding.⁶ Includes 367,854 metric tons, 397,403 metric tons, and 598,426 metric tons transshipped via Canada to unidentified countries in 1975, 1976, and 1977 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 195.—Olive oil:¹ Production in specified countries and the world, 1975–78

Country	1975	1976	1977	1978 ²	Country	1975	1976	1977	1978 ²
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Europe:					Africa:				
France	2	2	2	2	Algeria	9	17	16	16
Greece	237	257	224	231	Morocco	26	38	30	15
Italy	433	633	301	692	Tunisia	117	180	85	105
Portugal	48	49	36	30	Libya	8	15	8	12
Spain	333	455	390	339	Total	160	250	139	148
Yugoslavia	4	4	4	4	Argentina	23	15	20	15
Total	1,057	1,400	957	1,298	Other countries ..	5	5	4	5
Middle East:					World total ..	1,419	1,810	1,335	1,578
Israel	5	.....	1	1					
Jordan	1	5	2	7					
Syria	44	33	56	38					
Lebanon	14	6	6	6					
Turkey	110	96	150	60					
Total	174	140	215	112					

¹ Production in marketing year beginning Nov. 1; excludes residue oil.² Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 196.—Margarine, actual weight: Supply and disposition, United States, 1964–78

Year	Supply			Disposition			
	Production	Stocks, Jan. 1	Total supply	Exports and shipments	Domestic disappearance		
					Military	Civilian	
						Total	Per capita
	<i>Millions pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	1,857	36	1,893	9	2	1,835	9.7
1965	1,904	48	1,952	8	11	1,891	9.9
1966	2,110	42	2,152	14	46	2,038	10.5
1967	2,114	53	2,167	15	47	2,046	10.5
1968	2,141	60	2,201	10	12	2,130	10.8
1969	2,182	49	2,231	12	13	2,154	10.8
1970	2,230	52	2,282	13	2	2,223	11.0
1971	2,290	46	2,336	13	1	2,264	11.1
1972	2,364	57	2,421	13	1	2,338	11.3
1973	2,359	69	2,428	13	4	2,350	11.3
1974	2,398	61	2,459	15	9	2,371	11.3
1975	2,399	64	2,463	17	11	2,375	11.2
1976	2,628	60	2,688	20	6	2,595	12.2
1977	2,535	67	2,602	20	7	2,495	11.6
1978 ¹	2,520	80	2,600	31	8	2,492	11.5

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals and per capita estimates computed from unrounded numbers.

Table 197.—Margarine: Fats and oils used in manufacture, United States 1964–78

Year	Vegetable oils							Animal fats and oils		Total
	Soybean oil	Cotton-seed oil	Peanut oil	Corn-oil	Coconut oil	Safflower oil	Other	Lard	Beef fats	
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	1,139	101	10	150	6	12	5	64	13	1,500
1965	1,112	114	4	161	5	10	14	100	14	1,535
1966	1,294	106	6	157	12	46	1	82	5	1,710
1967	1,249	78	5	176	15	42	4	125	10	1,703
1968	1,240	70	4	179	14	42	3	153	15	1,720
1969	1,332	76	3	172	15	44	3	86	13	1,744
1970	1,410	68	.....	185	10	22	1	90	8	1,794
1971	1,385	63	.....	186	7	19	2	159	10	1,831
1972	1,461	65	.....	194	6	20	2	128	10	1,886
1973	1,491	63	.....	213	4	32	8	72	8	1,891
1974	1,457	58	.....	188	9	16	9	160	7	1,904
1975	1,568	46	1	188	20	7	38	45	7	1,920
1976	1,671	51	38	218	4	10	58	37	7	2,094
1977	1,584	44	15	243	5	8	48	73	7	2,027
1978 ¹	1,593	42	.....	211	7	10	27	68	6	1,964

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 198.—Shortening: Supply and disposition, United States, 1964–78

Year	Supply			Disposition				
	Factory and warehouse stocks, Jan. 1	Production	Total supply ¹	Exports	Shipments to U.S. Territories ²	Domestic disappearance		
						Military	Civilian	Civilian per person
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	119	2,664	2,783	16	5	43	2,598	13.7
1965	121	2,792	2,913	40	5	57	2,695	14.0
1966	117	3,181	3,298	30	12	59	3,079	15.9
1967	119	3,226	3,345	28	11	58	3,108	15.9
1968	139	3,312	3,451	34	10	53	3,211	16.3
1969	143	3,481	3,624	23	9	54	3,398	17.1
1970	139	3,588	3,727	25	12	60	3,496	17.3
1971	128	3,515	3,643	20	10	61	3,429	16.8
1972	128	3,731	3,859	24	9	48	3,651	17.7
1973	127	3,636	3,763	25	10	20	3,593	17.3
1974	115	3,703	3,818	53	8	51	3,572	17.0
1975	134	3,713	3,847	43	13	5	3,661	17.3
1976	125	3,929	4,054	51	14	3	3,858	18.1
1977	128	3,843	3,971	46	14	10	3,787	17.6
1978 ³	113	4,015	4,128	34	15	10	3,972	18.4

¹ Includes imports, which are negligible.² Shipments to Puerto Rico and Virgin Islands only.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Commerce and Agriculture Departments.

Table 199.—Shortening: Fats and oils used in manufacture, United States, 1964–78

Year	Vegetable oils							Animal fats		Total primary and secondary fats and oils
	Cottonseed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1964	378	1,388	18	5	8	11	8	446	430	2,693
1965	403	1,471	20	3	8	13	6	456	388	2,768
1966	370	1,734	38	14	8	38	8	491	491	3,192
1967	273	1,741	40	24	12	61	10	576	506	3,243
1968	248	1,842	41	21	10	72	4	601	487	3,326
1969	248	2,101	47	16	13	110	13	475	483	3,505
1970	276	2,182	45	16	12	90	7	430	522	3,580
1971	168	2,047	56	15	5	171	11	520	517	3,510
1972	189	2,163	82	16	.....	285	20	441	495	3,691
1973	199	2,268	86	16	5	333	29	341	442	3,719
1974	194	2,177	61	21	7	304	35	317	501	3,617
1975	154	2,025	106	11	5	758	69	165	458	3,751
1976	128	2,323	128	38	4	516	8	156	453	3,754
1977	160	2,279	78	22	4	416	9	185	548	3,700
1978 ¹	188	2,479	75	16	3	220	4	209	765	3,959

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 200.—Food fats and oils (including fat content of butter): Supply and disposition, United States, 1964–78¹

Year	Stocks Jan. 1	Production ²	Imports	Food uses of other fats and oils ³	Total supply	Exports ^{2,4}	Nonfood use	Net domestic disappearance of fats and oils for foods ⁵	
								Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1964	2,396	14,051	72	307	16,826	5,633	572	9,124	47.6
1965	1,497	14,267	49	347	16,160	5,205	621	9,294	47.9
1966	1,041	14,504	65	488	16,098	4,273	685	9,777	49.8
1967	1,363	14,546	78	587	16,574	4,579	635	9,777	49.2
1968	1,583	14,924	91	552	17,150	4,794	680	10,252	51.1
1969	1,423	15,817	69	623	17,932	5,417	661	10,461	51.6
1970	1,524	18,518	887	.....	20,929	7,399	1,138	10,808	52.8
1971	1,584	18,264	1,007	.....	20,855	7,591	839	10,762	52.0
1972	1,663	18,153	1,281	.....	21,097	7,206	775	11,288	54.1
1973	1,828	17,806	1,313	.....	20,947	7,494	704	11,337	53.9
1974	1,412	19,392	1,160	.....	21,964	8,478	736	11,243	53.0
1975	1,507	17,289	2,047	.....	20,843	7,113	750	11,328	53.0
1976	1,652	20,421	2,202	.....	24,275	8,503	1,196	11,965	55.6
1977	2,509	21,300	2,002	.....	25,811	9,698	950	14,006	56.5
1978 ⁶	1,851	25,949	1,549	.....	29,349	11,915	13,106	15,437	56.0

¹ Includes butter (fat content), lard, and beef fats; cottonseed, peanut, soybean, corn, and olive oils; and minor oils such as sesame. Stocks and exports also include margarine, shortening, vegetable stearine, and secondary edible oils.² Production and exports also include oil equivalent of exported soybeans, cottonseed, and peanuts for crushing abroad.³ Chiefly coconut, palm kernel oil, and palm oil.⁴ Includes shipments to U.S. Territories.⁵ In some years disappearance cannot be computed from data contained in this table as adjustments have been made because additional items have been incorporated in stock data.⁶ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Commerce and Agriculture Departments. Total and per capita estimates computed from unrounded numbers.

Table 201.—Total fats and oils (including fat content of butter): Supply, disposition, and utilization, United States, 1964–78

Year	Supply				Disposition	
	Production from domestic materials ¹	Imports and production from imported materials	Stocks Jan. 1	Total	Exports ^{1 2}	Domestic disappearance
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	20,672	1,131	3,599	25,402	8,211	14,338
1965	20,532	1,189	2,721	24,442	7,481	14,538
1966	21,013	1,359	2,445	24,817	6,725	15,312
1967	21,004	1,316	2,794	25,114	7,248	15,145
1968	21,496	1,398	2,668	25,562	7,354	15,698
1969	22,431	1,411	2,405	26,247	7,613	16,393
1970	25,012	1,363	2,286	28,661	10,150	16,119
1971	25,426	1,204	2,392	29,022	10,709	15,770
1972	25,347	1,459	2,543	29,349	10,465	16,340
1973	24,586	1,487	2,544	28,617	10,482	16,230
1974	26,824	1,389	1,905	30,118	11,768	16,374
1975	23,609	2,203	1,976	27,788	9,592	16,115
1976	27,798	2,422	2,081	32,301	11,579	17,639
1977	27,568	1,962	3,092	32,622	12,869	17,315
1978 ⁴	30,555	1,844	2,302	34,701	14,824	17,338

Year	Utilization (not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries)									
	Food uses						Nonfood uses			
	Butter (fat content)	Lard (direct)	Shortening	Margarine (fat content)	Other	Total	Soap ³	Drying-oil products	Other industrial	Total
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	1,098	1,194	2,693	1,500	2,820	9,305	803	902	3,404	5,109
1965	1,040	1,226	2,768	1,534	2,949	9,517	746	909	3,347	5,002
1966	911	1,076	3,190	1,710	2,915	9,802	731	923	3,842	5,496
1967	887	1,066	3,243	1,703	3,012	9,901	718	859	3,855	5,432
1968	957	1,108	3,326	1,720	3,149	10,260	703	868	3,846	5,417
1969	908	1,012	3,505	1,744	3,620	10,789	706	738	4,169	5,613
1970	890	940	3,556	1,787	3,635	10,808	759	604	3,778	5,141
1971	860	881	3,490	1,811	3,720	10,762	745	631	3,724	5,100
1972	837	787	3,698	1,864	4,102	11,288	811	570	3,925	5,305
1973	812	705	3,614	1,884	4,322	11,337	728	686	3,743	5,158
1974	776	681	3,622	1,891	4,271	11,241	787	563	4,102	5,451
1975	821	632	3,666	1,907	4,298	11,325	808	429	3,777	5,015
1976	758	585	3,861	2,069	4,689	11,961	944	547	4,220	5,711
1977	761	511	3,698	2,001	4,629	11,600	957	543	4,142	5,642
1978 ⁴	783	502	3,959	1,953	4,527	11,724	887	637	3,574	5,098

¹ Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.² Includes commercial exports, voluntary or civilian relief, re-exports, and shipments to U.S. Territories.³ Excludes an estimate of oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."⁴ Preliminary.

Economics, Statistics, and Cooperatives Service — Economics. Computed from reports of the Commerce, Interior, and Agriculture Departments. Total computed from unrounded numbers.

Table 202.—Fats, oils, and oilseeds (fat or oil equivalent): World production and exports, 1975–78

Commodity	World production ¹				World exports		
	1975	1976	1977	1978 ²	1975	1976	1977 ²
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Edible vegetable oils:							
Cottonseed	3,219	2,766	2,940	3,383	404	323	408
Peanut	3,183	3,583	3,252	3,124	729	956	840
Soybean	8,325	10,174	9,128	11,213	3,521	4,504	4,850
Sunflower	3,989	3,665	3,730	4,608	729	701	856
Rapeseed	2,713	2,857	2,269	2,930	611	823	890
Sesame	603	630	590	647	92	104	75
Safflower	217	320	201	267	32	5	12
Olive ³	1,419	1810	1,335	1,581	455	4140	480
Corn	297	412	410	429	61	82	96
Total	23,965	26,217	23,855	28,182	6,234	7,638	8,107
Palm oils: ⁵							
Coconut	2,918	3,314	3,059	3,125	1,517	1,723	1,440
Palm kernel	497	511	543	568	358	406	335
Palm	2,900	3,084	3,368	3,487	1,793	1,929	1,974
Babassu kernel ⁶	105	125	90	95	1	(⁷)	4
Total	6,420	7,034	7,060	7,275	3,669	4,058	3,753
Industrial oils:							
Linseed	745	792	718	957	261	277	360
Castor	339	306	342	414	157	214	200
Oiticica	11	15	14	14	7	(⁷)	2
Tung	108	100	95	110	43	51	46
Olive residue ⁸	132	186	153	160	(⁹)	(⁹)	(⁹)
Total	1,335	1,399	1,322	1,655	468	542	608
Animal fats:							
Butter (fat content)	4,572	4,690	4,879	4,930	726	798	822
Lard ¹⁰	4,330	4,145	4,297	4,324	534	484	493
Tallow and grease ¹¹	4,411	5,141	5,419	5,383	1,595	1,732	2,065
Total	13,313	13,976	14,595	14,637	2,855	3,014	3,380
Marine oils:							
Whale	45	45	40	40	15	12	10
Sperm whale	119	119	110	110	26	21	20
Fish (including liver)	1,003	953	893	915	542	521	544
Total	1,167	1,117	1,043	1,065	583	554	574
Total all commodities	46,200	49,743	47,875	52,814	13,809	15,806	16,422

¹ Years indicated are those in which the predominant share of the given oil or fat was produced from its related raw material.

² Preliminary.

³ Excludes olive residue oil.

⁴ Net exports.

⁵ Production estimated on the basis of exports and information available on consumption in the various producing areas.

⁶ Mill production only.

⁷ Less than 500 metric tons.

⁸ Includes quantities of refined oil for edible purposes.

⁹ Not separately classified.

¹⁰ Production relates to rendered lard only in most countries.

¹¹ Export series revised; figures include edible and inedible tallow and grease. Excludes animal oils.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 203.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1964–78

Year beginning January	Lard ¹	Animal tallow, greases, and oils ²	Oilseeds and nuts				
			Cotton- seed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	432,913	974,553	7,869	176,459	4,292	36,969	5,701,840
1965	161,798	923,230	4,813	99,688	1,776	78,205	6,195,887
1966	128,141	845,278	8,708	169,237	1,083	59,458	6,751,382
1967	144,379	956,229	4,161	153,151	335	80,396	7,169,055
1968	142,413	955,474	3,099	258,520	146	56,964	8,014,378
1969	160,900	823,211	6,639	207,536	363	28,256	8,468,920
1970	234,140	957,569	22,084	74,330	1,125	54,099	11,954,519
1971	183,890	1,130,745	32,716	10,731	3,522	109,200	11,538,463
1972	114,399	1,034,381	3,089	268,168	15,408	181,055	11,995,712
1973	76,828	1,026,580	11,952	10,627	11,018	183,393	13,220,591
1974	47,379	1,177,939	44,277	9,296	24,060	240,307	13,939,781
1975	88,969	866,852	6,770	27,138	11,907	235,059	12,496,246
1976	117,250	1,040,709	64,810	10,401	7,393	128,931	15,332,100
1977	152,449	1,249,272	14,727	23,812	14,778	299,331	16,195,496
1978 ³	100,558	1,181,248	42,908	2,392	40,117	354,735	20,704,536

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cotton- seed oil ⁴	Linseed oil	Marga- rine	Peanut oil	Soybean oil ⁵	Soybean	Other
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	37	869	322,586	8,666	1,416	36,891	611,251	1,568,408	152,243
1965	76	1,105	256,200	18,931	1,330	27,726	553,173	1,968,788	242,648
1966	183	2,414	83,776	57,200	1,998	4,047	393,776	2,271,260	193,852
1967	125	1,882	33,521	20,577	2,255	2,695	514,671	2,464,990	123,788
1968	147	2,061	27,013	49,797	1,408	1,395	434,206	2,698,022	149,152
1969	217	2,541	118,251	17,398	1,713	15,206	403,068	2,995,703	141,688
1970	1,139	4,339	169,588	21,895	1,955	14,529	681,182	3,660,321	136,924
1971	937	6,658	181,783	21,133	1,374	38,572	242,976	4,086,365	198,674
1972	834	4,364	215,780	84,814	1,723	27,533	594,562	3,615,238	233,945
1973	1,154	4,611	247,675	96,442	1,426	47,029	438,827	4,414,665	342,274
1974	834	2,754	276,673	52,940	1,884	20,786	762,094	4,909,653	241,131
1975	405	2,570	297,861	39,542	2,152	12,154	356,338	3,782,824	165,672
1976	443	19,890	236,293	9,477	2,893	47,821	510,007	4,862,126	179,298
1977	1,130	7,342	331,758	11,570	3,063	45,065	773,791	4,133,659	159,010
1978 ³	240	5,230	330,765	24,687	3,430	40,339	929,282	5,914,576	338,577

¹ Includes choice white hog grease.² Includes animal fats and oils (except wool grease).³ Preliminary.⁴ Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) 48,855 metric tons in 1964. Beginning January 1965, donations included as reported by the Bureau of the Census.⁵ Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) 33,738 metric tons in 1964. Beginning January 1965, donations included as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 204.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1964–78

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled ¹	Poppy seed
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	15	248,354	33	770	303	3,863
1965	513	278,933	4	338	213	2,824
1966	857	243,293	0	706	337	3,108
1967	9	276,646	67	775	204	3,023
1968	4	291,836	17	357	377	3,662
1969	6	272,215	11	64	145	2,461
1970	3	197,631	35	127	98	2,990
1971	5	190,351	1,876	746	86	2,287
1972	5	208,980	11	825	448	3,511
1973	4	198,566	134	17	205	2,451
1974	4	26,623	13,123	70	175	1,856
1975	5	0	3,497	10	241	7,002
1976	3	0	32,921	210	69	2,539
1977	0	2	38,216	199	49	4,172
1978 ²	0	4	28,408	168	64	2,685

Year beginning January	Oilseeds—Continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	419	11,256	11	6,063	43,724	180,142	12
1965	555	11,563	6	7,935	58,730	180,021	19
1966	280	12,792	15	9,631	47,229	226,212	15
1967	354	16,263	24	10,507	44,062	228,522	5
1968	955	15,419	7	9,051	48,086	197,027	7
1969	630	17,608	4	6,557	64,437	193,902	2
1970	240	19,351	28	15,343	48,293	269,753	1
1971	206	20,612	25	15,637	34,689	285,148	14
1972	524	21,419	61	20,980	44,240	307,073	1
1973	15	23,952	310	15,198	45,962	326,703	155
1974	59	25,973	34	16,688	55,665	245,969	17
1975	4,625	20,248	41	15,515	31,130	394,207	39
1976	2,412	28,649	54	23,083	53,613	552,007	3
1977	205	28,357	105	17,730	56,059	451,033	19
1978 ²	415	32,000	69	24,638	³ 50,315	463,803	15

Year beginning January	Vegetable oils—Continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	30,427	2,838	38,614	1	2,618	13,222	40,956
1965	20,608	2,974	37,693	1	1,991	10,553	40,224
1966	22,417	34,422	49,605	2	3,398	13,777	60,334
1967	25,963	29,149	47,365	2	3,893	9,042	63,313
1968	29,110	46,852	54,722	15	4,388	7,565	40,853
1969	26,293	72,404	45,097	9	4,269	10,190	23,835
1970	28,499	63,897	37,438	20	3,287	8,234	7,835
1971	28,079	102,913	43,432	12	5,018	10,088	4,717
1972	30,594	195,551	45,823	10	5,172	9,797	15,040
1973	27,296	176,994	45,681	14	6,334	9,886	22,423
1974	24,364	186,626	66,129	504	7,696	9,542	18,779
1975	21,634	436,338	73,176	323	2,624	13,637	4,302
1976	28,303	351,889	63,425	528	5,511	15,653	35,232
1977	24,633	249,501	69,896	12	6,876	8,537	20,128
1978 ²	28,087	146,431	57,233	19	6,451	8,125	8,977

¹Includes blanched or roasted peanuts.²Preliminary.³Excludes February imports of castor oil.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 205. — Animal tallow, greases, and oils:¹ United States exports by country of destination, 1976–78

Continent and country	1976	1977	1978 ²	Continent and country	1976	1977	1978 ²
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Soviet Union	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	4,902	4,039	2,853				43,706
Dominican Republic	13,223	15,791	14,745	Africa:			
El Salvador	14,092	20,434	19,037	Algeria	27,542	34,417	39,270
Guatemala	11,134	8,634	7,334	Cameroon	4,038	3,785	3,191
Haiti	7,886	8,738	10,620	Ghana	7,242	9,434	3,216
Honduras	3,762	8,789	9,722	Kenya	1,482	1,659	1,096
Jamaica	9,436	10,797	12,983	Madagascar	3,768	4,433	4,991
Mexico	25,867	40,762	49,174	Morocco	9,348	10,658	8,752
Nicaragua	5,884	7,724	4,513	Nigeria	27,325	34,016	34,718
Trinidad and Tobago	3,871	3,935	2,230	Senegal	3,854	4,975	2,995
Other countries	2,469	3,904	3,458	Egypt	127,536	113,396	134,018
Total	102,526	133,547	136,669	South Africa	20,638	11,440	16,758
South America:				Ivory Coast	322	500	794
Argentina	442	75	76	Other countries	2,535	9,278	1,296
Brazil	1,560	8,536	7	Total	235,630	237,991	251,095
Chile	3,966	5,084	6,443	Asia:			
Colombia	30,365	35,486	37,745	Afghanistan	800	399	607
Ecuador	4,204	5,194	3,909	Bangladesh	1,590	11,583	822
Peru	4,155	4,950	3,253	Iran	18,358	18,217	18,817
Venezuela	17,505	14,995	25,721	Iraq	12,744	1,995	8,664
Other countries	1,495	3,755	2,277	China: Mainland		8,100	24,868
Total	63,692	78,075	79,431	Taiwan	6,478	12,954	28,181
Europe:				India	13,794	25,316	18,761
Belgium and Luxembourg	36,932	41,508	26,332	Japan	103,702	104,733	89,300
France	11,515	26,168	12,618	Korea, Rep. of	92,779	94,422	87,634
Germany, Fed. Rep. of	59,818	84,480	76,921	Lebanon	2,701	6,500	7,925
Italy	24,469	23,506	6,364	Pakistan	30,588	49,644	43,853
Netherlands	76,413	96,728	95,046	Philippines	5,645	4,465	5,200
United Kingdom	55,883	91,107	57,049	Singapore	105	131	161
Greece	2,965	3,043	1,733	Turkey (Europe and Asia)	11,248	6,468	4,040
Norway	4,569	5,746	2,815	Thailand	63	109	1,226
Portugal	11,629	19,190	6,059	Other countries	704	1,639	1,258
Spain	39,309	43,347	33,795	Total	301,299	346,675	341,317
Sweden	67	96	3	Oceania	108	178	36
Switzerland	3,766	8,541	839	Grand total ³	1,040,709	1,249,272	1,181,248
Poland	9,990	9,320	7,721				
Other countries	132	23	1,703				
Total	337,457	452,803	328,998				

¹ Includes animal fats and oils (except wool grease).² Preliminary.³ May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 206.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1964–78

Year	Supply				Disposition				Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Apparent production ¹	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Other use	
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>
1964	377	4,688	2	5,067	2,399	2,301	691	1,610	5.9
1965	366	4,383	2	4,751	2,127	2,210	651	1,559	7.2
1966	414	4,480	1	4,895	1,975	2,473	667	1,806	6.5
1967	447	4,753	6	5,206	2,222	2,559	643	1,916	4.6
1968	425	4,745	6	5,176	2,240	2,580	639	1,941	4.2
1969	358	4,655	6	5,019	1,896	2,775	635	2,140	6.0
1970	348	4,905	7	5,260	2,242	2,622	602	2,019	7.1
1971	396	5,210	5	5,611	2,607	2,623	588	2,035	6.6
1972	380	5,078	2	5,460	2,357	2,762	640	2,122	6.0
1973	341	4,843	10	5,194	2,299	2,540	566	1,974	12.4
1974	356	5,664	12	6,032	2,623	3,029	632	2,397	15.2
1975	380	4,801	15	5,196	2,011	2,908	662	2,246	12.0
1976	277	5,774	9	6,060	2,337	3,367	764	2,603	13.2
1977	355	5,981	4	6,340	2,893	3,099	737	2,366	13.6
1978 ²	344	5,871	3	6,218	2,698	3,184	695	2,489	16.0

¹Computed from factory consumption, foreign trade, and stocks; from October 1966 through 1969, production as reported by the Bureau of the Census.

²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Computed from unrounded numbers. Stocks, consumption, and trade from the U.S. Department of Commerce. Prices from the National Provisioner and Wall Street Journal.

Table 207.—Drying-oil industries: Fats and oils used, United States, 1964–77

Year	Linseed oil	Soybean oil	Tung oil	Fish oil	Castor oil	Oiticica oil	Other primary fats and oils	Secondary fatty materials	Tall oil	Total ¹
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	372	188	31	41	111	10	23	24	102	902
1965	328	208	34	80	107	8	4	23	117	909
1966	310	214	33	130	89	8	1	24	114	923
1967	303	192	37	65	92	1	5	57	107	859
1968	251	193	38	122	89	11	8	47	109	868
1969	271	191	31	63	61	12	² 22		88	738
1970	230	169	28	25	28	.....	49		75	604
1971	276	148	23	28	39	.....	46		71	631
1972	206	141	31	32	54	.....	33		73	570
1973	322	142	28	24	46	.....	45		79	686
1974	194	172	35	27	26	.....	42		67	563
1975	125	144	33	16	5	.....	51		55	429
1976	170	164	35	10	39	.....	58		71	547
1977 ³	156	172	19	11	63	.....	37		85	543

¹Excludes fats and oils used in fatty acids, many of which are used in drying-oil products.

²Beginning 1969, not reported separately.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. These estimates include utilization in paints, varnishes, floor coverings, printing inks, core oil resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics. Compiled from reports of the Commerce and Interior Departments. Totals computed from unrounded numbers.

Table 208.—Fats and oils: Use in products for civilian consumption, United States, 1964–78

Year	Food products											
	Butter (actual weight)		Lard excluding use in margarine, shortening, and nonfood products		Margarine (actual weight)		Shortening		Edible oils ¹		All food products ²	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	1,297	6.9	1,193	6.3	1,835	9.7	2,598	13.7	2,677	14.4	8,994	47.6
1965	1,232	6.4	1,225	6.4	1,891	9.9	2,695	14.1	2,711	14.1	9,147	47.8
1966	1,099	5.7	1,071	5.5	2,038	10.5	3,079	15.9	2,929	15.1	9,615	49.7
1967	1,076	5.5	1,055	5.4	2,046	10.5	3,108	15.9	2,956	15.2	9,634	49.4
1968	1,117	5.7	1,106	5.6	2,130	10.8	3,211	16.3	3,153	16.0	10,082	51.2
1969	1,081	5.4	1,011	5.1	2,154	10.8	3,398	17.1	3,333	16.8	10,333	51.9
1970	1,061	5.3	939	4.7	2,223	11.0	3,496	17.3	3,605	17.9	10,681	53.0
1971	1,039	5.1	880	4.3	2,264	11.1	3,429	16.8	3,695	18.0	10,650	52.2
1972	1,017	4.9	787	3.8	2,338	11.3	3,650	17.7	4,084	19.8	11,204	54.3
1973	1,000	4.8	705	3.4	2,350	11.3	3,593	17.3	4,312	20.8	11,296	54.3
1974	955	4.6	681	3.2	2,370	11.3	3,571	17.0	4,258	20.3	11,163	53.2
1975	1,012	4.8	632	3.0	2,375	11.2	3,661	17.3	4,275	20.3	11,297	53.4
1976	935	4.4	568	2.7	2,595	12.2	3,859	18.1	3,966	22.0	11,923	56.0
1977	937	4.3	495	2.3	2,508	11.6	3,796	17.5	3,958	23.4	11,694	54.0
1978 ³	968	4.5	482	2.2	2,494	11.4	3,972	18.2	4,263	23.2	12,179	55.6

Year	Industrial products								All products		
	Soap ⁴		Drying-oil products ⁵		Other industrial products ⁴		All industrial products		Weight		Per capita ²
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Includ- ing actual weight of butter and mar- garine	Includ- ing only fat content of butter and mar- garine	
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	773	4.1	889	4.7	3,320	17.6	4,983	26.3	14,583	13,977	73.9
1965	706	3.7	895	4.7	3,215	16.8	4,816	25.1	14,571	13,963	72.9
1966	719	3.7	908	4.7	3,703	19.1	5,329	27.6	15,253	14,988	77.5
1967	706	3.6	844	4.3	3,684	18.8	5,234	26.8	15,475	14,868	76.2
1968	689	3.5	850	4.3	3,705	18.8	5,245	26.6	15,962	15,327	77.8
1969	678	3.4	728	3.7	4,009	20.1	5,410	27.2	16,390	15,743	79.1
1970	751	3.7	598	3.0	3,740	18.6	5,089	25.2	16,414	15,771	78.2
1971	738	3.6	624	3.1	3,687	18.1	5,049	24.7	16,356	15,700	76.9
1972	802	3.9	564	2.7	3,886	18.8	5,252	25.4	17,128	16,456	79.7
1973	721	3.5	679	3.3	3,706	17.8	5,106	24.5	17,067	16,403	78.8
1974	779	3.7	558	2.7	4,061	19.4	5,397	25.7	17,232	16,560	79.0
1975	800	3.8	425	2.0	3,740	17.7	4,965	23.5	16,937	16,262	76.9
1976	935	4.4	541	2.5	4,196	19.3	5,672	26.6	17,595	17,612	82.6
1977	953	4.4	604	2.8	4,396	20.6	5,953	27.5	17,647	17,647	81.4
1978 ³	887	4.1	703	3.2	4,836	22.1	6,426	29.4	18,605	18,603	85.0

¹ Mainly salad and cooking oils. Includes all food fats and oils used other than butter, lard, margarine, or shortening.

² Including only the fat content of butter, estimated at 80.5 percent of total weight, and of margarine for which the fat content varies slightly each year.

³ Preliminary.

⁴ Fat equivalent of soap used in synthetic rubber is included with "Other industrial products."

⁵ Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking, and other protective coatings.

Economics, Statistics, and Cooperatives Service — Economics. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers.

Table 209.—Fats and oils: Wholesale price per pound, 1967 and 1975–78

Item and market	1967	1975	1976	1977	1978 ¹
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Butter, creamery, Grade A, (92-score) bulk, New York	67.7	81.3	95.2	101.9	115.4
Butter, creamery, Grade B, (91 & 93-score) bulk, Chicago	66.8	79.3	91.2	99.0	107.6
Butter, creamery, Grade A, (92-score) prints, San Francisco	79.8	95.5	109.9	113.4	127.8
Coconut oil, crude, tank cars, Pacific Coast mills	13.5	20.0	20.3	27.8	34.1
Coconut oil, refined, tanks, New York	15.4	21.6	25.2	33.0	37.0
Corn oil, refined, tanks, New York	15.4	36.7	30.9	36.6	43.3
Corn oil, crude, tank cars, f.o.b. midwestern mills	12.4	32.3	25.8	30.7	36.0
Cottonseed oil, crude, tank cars, f.o.b. southeastern mills	11.8	27.6	23.9	24.3	26.9
Cottonseed oil, crude, tank cars, f.o.b. Mississippi Valley	11.8	27.2	23.3	24.5	27.2
Cottonseed oil, refined, tanks, New York	14.5	32.6	29.7	30.5	33.7
Degras, lanolin, technical, drums, New York	22.0	127.6	96.8	64.0	64.0
Grease, A white, tank cars, delivered Chicago	5.5	14.8	14.9	17.1	19.1
Grease, Yellow, tank cars, delivered Chicago	4.6	11.8	13.1	13.5	15.8
Lard, loose, tank cars, Chicago	7.8	30.9	17.8	21.3	23.2
Lard, prime steam, tierces, Chicago	7.8	29.6	18.0	20.9	23.3
Lard, refined, 1-pound and 2-pound prints, Chicago	13.6	35.9	24.3	34.3	34.0
Linseed oil, raw, tank cars, Minneapolis	12.9	40.0	27.0	26.5	24.2
Linseed oil, raw, tanks, New York	14.0	41.5	29.7	30.0	24.6
Margarine, colored, delivered Eastern United States	25.7	52.7	44.3	47.7	52.9
Margarine, yellow quarters, f.o.b. Chicago	25.8	39.8	31.4	39.1	39.8
Margarine, white, domestic vegetable, Chicago	22.8	37.9	31.4	39.1	43.5
Menhaden oil, light pressed, tanks, New York	10.7	28.0	18.2	20.5	22.0
Oiticica oil, drums, f.o.b. New York	19.0	32.2	38.3	74.2	70.7
Oiticica oil, tanks, New York	17.0	29.2	35.3	75.6	75.8
Olive oil, imported, edible, drums, New York	38.1	112.7	97.8	86.7	85.4
Palm oil, clarified, tank wagon, f.o.b. New York	12.6	22.9	17.9	26.7	30.7
Peanut oil, crude, tank cars, f.o.b. southeastern mills	14.4	38.8	31.5	29.8	42.3
Peanut oil, refined, tanks, New York	11.9	43.5	36.6	36.3	47.8
Rapeseed oil, refined (denatured), tanks, New York	15.2	56.1	43.5	39.0	39.0
Safflower oil, nonbreak tanks, East Coast	14.6	64.1	46.2	.....	.....
Sesame oil, refined, drums, New York	39.2	74.5	77.9	87.5	87.5
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York	20.7	45.0	36.2	38.9	40.9
Shortening, all vegetable, hydrogenated, 3-lb. tins, delivered Eastern United States	26.5	57.2	45.9	54.7	59.3
Soybean oil, crude, tank cars, f.o.b. midwestern mills	9.6	25.4	18.8	23.8	25.7
Soybean oil, refined, tanks, New York	11.8	28.6	24.1	29.0	31.4
Tall oil, crude, tanks, works	3.1	8.1	5.9	7.0	7.6
Tallow, edible, loose, Chicago	7.5	24.3	16.5	21.2	22.8
Tallow, inedible, packers' prime, tank cars, c.a.f. Chicago	5.1	13.4	14.3	16.1	18.4
Tallow, No. 1, inedible, Chicago	4.6	12.0	13.2	13.6	16.0
Tung oil, imported, drums, carlots, f.o.b. New York	16.5	37.8	48.7	108.3	91.5
Tung oil, imported, tanks, New York	14.4	34.9	43.0	111.1	117.1

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the Chemical Marketing Reporter, the National Provisioner, The Journal of Commerce (New York), Wall Street Journal, and the U.S. Department of Labor. Excise taxes and duties are included where applicable.

Table 210.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1964–78
[1967=100]

Year	Sixteen items, excluding butter	Seventeen major fats and oils											
		All items	Classified by origin			Classified by use							
			Animal	Vegetable		Edible				Industrial			
				Do- mestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses	All indus- trial
1964	110.0	101.2	102.9	94.7	95.2	88.2	124.4	96.4	95.6	122.3	104.0	105.0	119.1
1965	129.5	112.7	112.5	111.5	109.0	90.5	149.3	115.4	105.5	142.9	109.4	122.8	136.8
1966	126.3	115.3	115.1	119.6	92.6	100.3	142.9	121.5	113.9	128.4	106.8	112.4	124.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	90.9	94.4	94.6	93.1	118.5	100.1	79.5	93.6	95.6	90.9	94.4	102.2	91.3
1969	104.2	103.1	110.4	92.6	102.5	101.0	123.6	94.9	101.2	111.0	91.3	104.1	108.0
1970	129.4	119.7	122.2	118.5	127.3	103.9	148.8	122.5	115.7	135.5	102.4	127.2	130.6
1971	130.7	119.9	118.2	125.8	108.0	102.3	137.4	129.6	116.4	135.2	95.2	199.9	129.2
1972	114.4	110.0	114.0	106.4	88.1	103.0	132.7	109.1	108.8	115.9	94.3	104.7	112.6
1973	208.2	168.9	167.8	171.4	188.8	97.1	253.3	178.8	150.3	229.4	168.2	207.5	220.1
1974	322.8	238.5	203.2	294.6	386.8	99.6	365.7	295.0	204.2	340.5	322.2	322.9	333.5
1975	262.3	207.8	200.2	219.5	166.7	118.0	368.3	215.0	189.2	257.2	270.4	217.0	258.8
1976	261.1	226.7	191.7	161.6	169.8	138.6	228.2	166.3	161.8	254.9	186.5	188.9	244.8
1977	306.6	263.7	219.4	191.1	228.1	147.4	271.7	202.5	191.0	283.4	194.8	244.1	268.2
1978 ¹ . . .	337.0	290.5	245.9	205.0	267.5	165.5	296.5	219.7	209.9	323.3	176.8	255.4	298.0

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 211.—Soap: Fats, oils, and tall oil used in manufacture, United States, 1964–78

Year	Inedible tallow and greases	Coconut oil	Secondary fats and oils ¹	Tall oil	Total saponifiable materials	Year	Inedible tallow and greases	Coconut oil	Secondary fats and oils ¹	Tall oil	Total saponifiable materials
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	691	158	19	8	875	1972	640	180	7	3	830
1965	651	145	16	9	820	1973	566	181	10	3	760
1966	667	150	13	9	839	1974	632	167	9	3	811
1967	643	146	17	8	813	1975	662	163	9	2	836
1968	639	154	10	9	812	1976	764	194	15	3	976
1969	635	150	8	4	796	1977	737	198	14	7	957
1970	602	164	12	1	779	1978 ² . . .	694	184	6	3	887
1971	588	166	6	3	763						

¹ Includes beef fats, vegetable tallow, and babassu.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Fats, oils, and tall oil compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

CHAPTER IV

STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables and melons.

For potatoes and sweetpotatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of the 9 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. However, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1969.

Seasonal Groups and Marketing Period

Winter: January, February, March
Spring: April, May, June

Summer: July, August, September
Fall: October, November, December

The seasonal patterns of harvest do not correspond precisely in all States to the quarterly estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Beginning in 1968, commercial vegetables for fresh market include 22 principal vegetables and melon crops in the major producing States. Earlier years include the following three additional crops: Lima beans, beets, and green peas. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of artichokes, brussels sprouts, celery, garlic, onions, and green peppers are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well-recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis, except garlic, for which values are reported annually on a field-run basis at packinghouse door. For processed vegetables, value per unit and total value are at processing plant door.

Table 212.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1964–78

Year	Area ¹			Production ⁴			Value ⁵		
	For fresh market ²	For processing ³	Total	For fresh market ²	For processing ³	Total	For fresh market ²	For processing ³	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	1,668,580	1,604,960	3,273,540	10,525,150	8,136,230	18,661,380	961,583	349,579	1,311,162
1965	1,644,150	1,642,790	3,286,940	10,915,000	8,348,670	19,263,670	1,016,558	405,862	1,422,420
1966	1,613,300	1,804,040	3,471,340	10,617,200	8,941,280	19,558,480	1,137,027	433,348	1,570,375
1967	1,631,380	1,936,130	3,567,510	11,142,850	9,979,460	21,122,310	1,151,433	530,408	1,681,841
1968	1,624,820	2,012,230	3,637,050	11,290,050	12,105,870	23,395,920	1,184,587	600,690	1,785,277
1969 ⁶	1,699,810	1,629,630	3,329,440	11,175,950	9,297,350	20,473,300	1,282,087	415,551	1,697,638
1970	1,673,670	1,531,160	3,204,830	11,357,800	9,297,200	20,655,000	1,233,222	410,189	1,643,411
1971	1,609,960	1,558,460	3,168,420	11,361,050	9,922,550	21,283,600	1,438,946	439,980	1,878,926
1972	1,648,110	1,584,490	3,232,600	11,578,050	10,241,600	21,819,650	1,607,022	466,633	2,073,655
1973	1,636,610	1,727,010	3,363,620	11,907,200	10,661,650	22,568,850	1,857,859	550,632	2,408,491
1974	1,557,570	1,775,810	3,333,380	11,980,150	11,794,050	23,774,200	1,880,507	929,785	2,810,292
1975	1,538,950	1,874,480	3,413,430	11,936,200	13,533,250	25,469,450	2,155,350	1,036,635	3,191,985
1976	1,570,350	1,624,640	3,194,990	12,328,750	11,048,850	23,377,600	2,258,175	786,606	3,044,781
1977	1,568,470	1,638,120	3,206,590	12,449,650	12,612,450	25,062,100	2,354,671	945,180	3,299,851
1978 ⁷	1,614,020	1,611,090	3,225,110	12,963,750	11,316,250	24,280,000	2,761,711	874,397	3,636,108

¹ Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

² Area, production, and farm value of the following 27 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, lima beans, snap beans, beets, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons. Lima beans, beets, kale, green peas, and shallots discontinued in 1968.

³ Area, production, and farm value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

⁴ Production for fresh market excludes some quantities not marketed because of low prices or other economic factors.

⁵ Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door.

⁶ Beginning 1969, asparagus for processing included in fresh market segment.

⁷ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 213.—Vegetables, commercial: Area of principal crops, by States, 1976-78¹

State	For fresh market ²			For processing ⁴			Total		
	1976	1977	1978 ³	1976	1977	1978 ³	1976	1977	1978 ³
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala	27,900	25,400	25,900	4,700	6,900	9,700	32,600	32,300	35,600
Ariz	56,650	58,870	60,670	1,200	550	660	57,850	59,420	61,330
Ark	8,100	7,400	6,700	6,880	8,480	6,420	14,980	15,880	13,120
Calif	495,800	527,160	545,480	277,260	330,320	291,580	773,060	857,480	837,060
Colo	17,830	18,340	20,570	4,980	4,430	4,770	22,810	22,770	25,340
Conn	4,500	4,400	4,600				4,500	4,400	4,600
Del	3,500	3,300	2,900	28,160	30,100	35,220	31,660	33,400	38,120
Fla	264,530	246,650	268,250	18,120	19,400	21,800	282,650	266,050	290,050
Ga	47,100	43,400	43,000	3,420	3,920	4,300	50,520	47,320	47,300
Hawaii	1,520	1,630	1,700				1,520	1,630	1,700
Idaho	5,300	5,300	5,200	43,760	35,850	35,150	49,060	41,150	40,350
Ill	11,650	10,250	9,900	103,150	91,840	95,180	114,800	102,090	105,080
Ind	11,920	11,440	12,150	23,880	23,420	20,000	35,800	34,860	32,150
Iowa	350	320	230	12,950	11,690	7,700	13,300	12,010	7,930
Ky	2,400	3,450	2,200	2,720	2,820	2,300	5,120	6,270	4,500
La	2,100	1,970	1,520	250	180	140	2,350	2,150	1,660
Maine				5,760	7,170	7,070	5,760	7,170	7,070
Md	13,200	12,940	11,420	36,470	34,940	34,820	49,670	47,880	46,240
Mass	9,000	8,750	8,000	800	1,300	1,400	9,800	10,050	9,400
Mich	63,800	62,750	62,300	47,950	50,880	52,460	111,750	113,630	114,760
Minn	4,600	4,740	5,070	193,340	191,130	185,470	197,940	195,870	190,540
Miss	11,400	12,000	12,000	5,000	3,600	4,200	16,400	15,600	16,200
Mo	3,700	4,200	4,400	580	1,100	1,700	4,280	5,300	6,100
Nebr				130	150	200	130	150	200
N.J	49,040	47,920	41,300	14,100	14,800	19,020	63,140	62,720	60,320
N. Mex	8,100	6,950	8,700	900	900	600	9,000	7,850	9,300
N.Y	64,590	64,250	64,000	79,050	75,580	88,430	143,640	139,830	152,430
N.C	44,850	41,340	42,390	29,180	29,560	31,150	74,030	70,900	73,540
Ohio	21,590	22,170	22,850	30,890	29,860	28,110	52,480	52,030	50,960
Okla	8,200	7,000	7,000	4,300	4,180	3,020	12,500	11,180	10,020
Oreg	15,040	15,790	16,400	108,210	104,250	116,850	123,250	120,040	133,250
Pa	17,360	16,570	17,260	18,960	17,770	14,940	36,320	34,340	32,200
S.C	44,400	38,500	34,500	7,840	8,800	9,700	52,240	47,300	44,200
S. Dak				50	80	60	50	80	60
Tenn	4,330	5,200	5,480	13,260	14,860	12,880	17,590	20,060	18,360
Tex	169,750	169,810	181,000	20,500	16,800	20,100	190,250	186,610	201,100
Utah	1,500	1,700	2,200	5,260	4,670	4,750	6,760	6,370	6,950
Va	16,550	16,490	16,580	12,870	12,830	13,320	29,420	29,320	29,900
Wash	31,000	32,520	32,200	114,950	111,320	121,550	145,950	143,840	153,750
W. Va				740	480	100	740	480	100
Wis	7,200	7,600	8,000	342,120	331,210	304,270	349,320	338,810	312,270
U.S	1,570,350	1,568,470	1,614,020	1,624,640	1,638,120	1,611,090	3,194,990	3,206,590	3,225,110

¹Area for fresh market is area for harvest. Area for processing is area harvested.²Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.³Preliminary.⁴Area of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 214.—Vegetables, commercial: Production of principal crops, by States, 1976–78

State	For fresh market ¹			For processing ³			Total		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Ala	100,700	80,950	78,100	20,400	12,950	15,250	121,100	93,900	93,350
Ariz	523,850	571,950	602,550	3,650	2,050	2,700	527,500	574,000	605,250
Ark	36,150	29,900	31,300	19,900	21,650	18,350	56,050	51,550	49,650
Calif	5,098,350	5,438,850	5,614,350	5,285,150	6,899,850	5,504,300	10,383,500	12,338,700	11,118,650
Colo	227,200	206,700	252,000	40,250	33,300	35,950	267,450	240,000	287,950
Conn	14,650	13,850	16,100	.....	.....	.....	14,650	13,850	16,100
Del	15,750	14,600	15,900	53,550	48,800	66,700	69,300	63,400	82,600
Fla	2,081,850	1,791,650	1,923,550	73,750	71,250	80,400	2,155,600	1,862,900	2,003,950
Ga	163,850	154,600	180,150	6,850	8,500	11,400	170,700	163,100	191,550
Hawaii	15,750	17,150	18,550	.....	.....	.....	15,750	17,150	18,550
Idaho	145,750	120,600	122,200	200,550	161,550	185,150	346,300	282,150	307,350
Ill	40,050	38,550	38,100	370,800	331,400	352,050	410,850	369,950	390,150
Ind	75,900	74,350	77,700	280,850	213,250	244,950	356,750	287,600	322,650
Iowa	250	250	50	59,900	60,900	46,600	60,150	61,150	46,650
Ky	11,400	14,000	7,600	9,900	10,900	7,600	21,300	24,900	15,200
La	6,850	6,450	4,850	600	350	200	7,450	6,800	5,050
Maine . . . . .	.....	.....	.....	6,150	9,000	8,350	6,150	9,000	8,350
Md	52,550	51,850	49,550	138,700	134,100	138,700	191,250	185,950	188,250
Mass	44,450	37,850	45,200	7,400	10,400	13,400	51,850	48,250	58,600
Mich	366,400	357,700	374,050	222,450	237,450	259,850	588,850	595,150	633,900
Minn	32,750	38,900	40,250	597,950	769,950	744,450	630,700	808,850	784,700
Miss	45,600	40,200	57,000	12,000	6,100	6,700	57,600	46,300	63,700
Mo	17,400	26,250	24,200	1,750	3,000	2,400	19,150	29,250	26,600
Nebr . . . . .	.....	.....	.....	550	1,000	650	550	1,000	650
N.J	233,900	225,050	199,850	197,200	147,750	127,000	431,100	372,800	326,850
N. Mex	117,150	88,400	111,900	9,000	9,900	4,800	126,150	98,300	116,700
N.Y	514,200	570,650	571,850	328,200	373,850	403,300	842,400	944,500	975,150
N.C	162,600	140,700	138,500	82,500	75,300	81,400	245,100	216,000	219,900
Ohio	115,100	122,000	136,800	613,500	523,300	500,700	728,600	645,300	637,500
Okla	41,000	38,500	22,750	13,650	12,450	12,300	54,650	50,950	35,050
Oreg	274,950	274,950	274,350	544,200	526,650	577,350	819,150	801,600	851,700
Pa	87,650	76,450	73,200	161,550	144,650	107,800	249,200	221,100	181,000
S.C	143,900	135,550	147,850	19,150	25,000	29,650	163,050	160,550	177,500
S. Dak . . . . .	.....	.....	.....	150	400	150	150	400	150
Tenn	25,450	24,950	24,700	32,850	33,900	26,800	58,300	58,850	51,500
Tex	1,088,800	1,144,500	1,218,650	127,500	95,650	121,450	1,216,300	1,240,150	1,340,100
Utah	22,500	28,500	39,600	23,400	16,850	17,350	45,900	45,350	56,950
Va	57,700	57,850	66,200	72,300	49,800	72,450	130,000	107,650	138,650
Wash	201,150	247,350	222,900	388,800	364,000	462,850	589,950	611,350	685,750
W. Va . . . . .	.....	.....	.....	2,250	1,200	750	2,250	1,200	750
Wis	125,250	147,100	141,350	1,019,600	1,164,100	1,024,050	1,144,850	1,311,200	1,165,400
U.S	12,328,750	12,449,650	12,963,750	11,048,850	12,612,450	11,316,250	23,377,600	25,062,100	24,280,000

¹ Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

² Preliminary.

³ Production of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 215.—Vegetables, commercial: Value of principal crops, by States, 1976–78

State	For fresh market ¹			For processing ³			Total		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Ala	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ariz	22,670	19,731	22,432	2,449	2,050	1,645	25,119	21,781	24,077
Ark	86,006	94,355	130,148	456	205	305	86,462	94,560	130,453
Calif	12,270	7,126	9,373	2,316	2,213	1,798	14,586	9,339	11,171
Calif	974,185	1,071,757	1,284,805	312,119	461,542	374,927	1,286,304	1,533,299	1,659,732
Colo	36,393	22,564	30,359	3,199	3,322	3,743	39,592	25,886	34,102
Conn	2,326	1,939	2,286	...	...	...	2,326	1,939	2,286
Del	1,375	1,278	808	7,340	7,853	11,458	8,715	9,131	12,266
Fla	430,642	418,126	495,527	9,027	9,576	10,597	439,669	427,702	506,124
Ga	16,187	15,423	18,691	888	1,218	1,701	17,075	16,641	20,392
Hawaii	5,457	6,812	7,292	...	...	...	5,457	6,812	7,292
Idaho	16,899	9,461	11,700	14,691	10,190	13,779	31,590	19,651	25,479
Ill	5,152	5,067	6,850	32,207	29,584	29,591	37,359	34,651	36,441
Ind	10,245	11,515	14,051	18,974	14,700	17,754	29,219	26,215	31,805
Iowa	138	190	65	3,288	3,176	2,396	3,426	3,366	2,461
Ky	2,393	2,804	1,271	1,286	1,357	1,012	3,679	4,161	2,283
La	2,464	2,062	2,634	65	35	22	2,529	2,097	2,656
Maine . . . . .	...	...	...	849	1,411	1,587	849	1,411	1,587
Md	8,454	8,555	7,187	11,905	12,345	13,640	20,359	20,900	20,827
Mass	7,685	7,335	8,205	654	1,039	1,394	8,339	8,374	9,599
Mich	70,729	68,396	84,819	21,314	23,368	27,176	92,043	91,764	111,995
Minn	3,976	4,063	4,386	39,407	53,045	50,432	43,383	57,108	54,818
Miss	2,280	1,704	3,659	1,332	872	824	3,612	2,576	4,483
Mo	766	1,575	1,452	175	265	211	941	1,840	1,663
Nebr . . . . .	...	...	...	70	133	91	70	133	91
N.J	51,244	54,522	55,024	14,565	11,851	11,507	65,809	66,373	66,531
N. Mex	20,276	14,150	21,148	675	743	360	20,951	14,893	21,508
N. Y	102,330	90,105	89,230	21,906	27,363	31,183	124,236	117,468	120,413
N.C	25,862	24,035	30,701	11,436	9,931	10,311	37,298	33,966	41,012
Ohio	22,074	22,851	32,465	45,175	38,418	37,194	67,249	61,269	69,659
Oklahoma	2,165	2,002	2,139	1,286	1,060	1,008	3,451	3,062	3,147
Oreg	34,827	26,245	30,031	47,788	49,478	50,932	82,615	75,723	80,963
Pa	13,983	11,829	16,303	11,361	10,210	7,890	25,344	22,039	24,193
S.C	25,112	19,455	24,593	2,600	3,521	4,615	27,712	22,976	29,208
S. Dak . . . . .	...	...	...	19	54	21	19	54	21
Tenn	6,034	10,669	11,788	4,112	4,746	3,755	10,146	15,415	15,543
Tex	166,206	228,225	223,280	11,707	9,826	12,806	177,913	238,051	236,086
Utah	2,585	2,162	3,930	2,066	1,680	1,601	4,651	3,842	5,531
Va	14,328	13,272	16,108	5,906	4,702	6,730	20,234	17,974	22,838
Wash	38,782	39,039	43,249	43,073	38,340	47,341	81,855	77,379	90,590
W. Va . . . . .	...	...	...	199	110	47	199	110	47
Wis	13,675	14,272	13,722	78,721	93,648	81,013	92,396	107,920	94,735
U.S	2,258,175	2,354,671	2,761,711	786,606	945,180	874,397	3,044,781	3,299,851	3,636,108

¹Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

²Preliminary.

³Value of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 216.—Artichokes, globe, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964–78¹

Year	Area for harvest	Yield per acre	Production	Value ²		Year	Area for harvest	Yield per acre	Production	Value ²	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	8,700	65	566	10.08	5,704	1972 ...	11,100	64	710	11.60	8,222
1965	9,200	70	644	8.95	5,761	1973 ...	12,000	50	600	14.50	8,699
1966	8,900	75	668	8.76	5,853	1974 ...	10,800	65	702	17.30	12,152
1967	9,600	76	730	8.87	6,472	1975 ...	10,200	72	734	16.10	11,847
1968	9,600	60	576	10.00	5,772	1976 ...	10,600	76	806	14.40	11,568
1969	10,100	65	657	10.60	6,946	1977 ...	10,800	66	713	19.30	13,775
1970	11,000	61	671	10.30	6,920	1978 ³ ...	9,900	53	525	27.00	14,201
1971	11,000	72	792	9.72	7,697						

¹ California only. Includes production for fresh market and processing.² Price and value f.o.b. basis.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 217.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	Total crop					For fresh market			For processing		
	Area harvested	Yield per acre	Production ¹	Value ²		Production ¹	Value ²		Production ¹	Value ³	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	144,730	24	3,523	12.70	44,801	1,000	14.80	14,770	126,150	238.00	30,031
1965	131,230	25	3,280	15.00	49,072	1,040	16.30	16,921	112,000	287.00	32,151
1966	128,110	26	3,319	17.40	57,888	847	20.10	17,029	123,600	331.00	40,859
1967	125,920	24	3,048	17.80	54,336	850	21.00	17,877	109,900	332.00	36,459
1968	121,360	26	3,202	18.80	60,108	892	21.80	19,489	115,500	352.00	40,619
1969	115,350	24	2,815	19.60	55,249	778	23.60	18,350	101,850	362.00	36,899
1970	112,260	25	2,755	19.90	54,836	944	22.30	21,019	90,550	373.00	33,817
1971	114,170	24	2,791	22.90	64,015	833	29.20	24,309	97,900	406.00	39,706
1972	119,070	24	2,891	23.50	67,921	922	26.70	24,663	98,450	439.00	43,258
1973	115,380	22	2,545	26.10	66,411	860	31.10	26,765	84,250	471.00	39,646
1974	112,490	23	2,604	28.50	74,277	824	33.40	27,489	89,000	526.00	46,788
1975	102,570	21	2,141	28.70	61,436	874	34.00	29,695	63,350	501.00	31,741
1976	92,580	25	2,302	31.30	72,122	919	38.10	35,025	69,150	536.00	37,097
1977	85,820	25	2,181	36.80	80,249	714	46.90	33,458	73,350	638.00	46,791
1978 ⁴	80,430	22	1,795	44.10	79,070	669	51.80	34,629	56,300	789.00	44,441

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 120, (6,000 tons for processing) in 1965, 91 (4,550 tons for processing) in 1966, and 80 for fresh market only in 1969.² Price and value on f.o.b. basis.³ Price and value at processing plant door.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 218.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78

Season and State	Area ¹			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Calif	33,900	30,300	28,000	1,254	1,121	784	32.20	38.20	45.00
Ill	5,200	4,500	4,200	47	50	38	29.80	34.50	41.80
Mich	18,000	17,300	17,300	180	190	225	33.00	43.90	56.30
N.J	3,300	2,300	1,900	43	32	27	43.60	55.10	66.60
Wash	20,400	20,200	20,000	653	667	640	28.70	32.70	37.90
Other States ³	11,780	11,220	9,030	125	121	81	30.90	31.60	43.40
U.S	92,580	85,820	80,430	2,302	2,181	1,795	31.30	36.80	44.10

Season and State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Spring:	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif	725	561	529	37.60	46.60	50.20	26,450	28,000	12,750	494.00	594.00	683.00
Ill	7	9	6	49.10	46.30	51.80	2,000	2,050	1,600	528.00	638.00	798.00
Mich	20	13	15	38.70	51.00	60.00	8,000	8,850	10,500	645.00	868.00	1,120.00
Wash	117	89	86	38.20	45.40	55.20	26,800	28,900	27,700	532.00	615.00	704.00
Other States ³	50	42	33	43.60	52.20	64.10	5,900	5,550	3,750	603.00	612.00	852.00
U.S	919	714	669	38.10	46.90	51.80	69,150	73,350	56,300	536.00	638.00	789.00

¹ Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments.

² Preliminary.

³ Mostly for processing; includes Delaware, Indiana, Iowa, Maryland, Minnesota, Oregon, and Virginia.

⁴ Data for fresh market include Indiana, Iowa, Maryland, New Jersey, and Oregon. Data for processing include Delaware, Indiana, Iowa, Maryland, Minnesota, New Jersey, Oregon, and Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 219.—Beans, green lima (for processing), commercial crop: Area, production, and value per ton, by States, 1976–78

State	Area			Production ²			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif	15,700	26,900	29,800	25,750	43,200	45,000	323.00	384.00	395.00
Del	8,400	9,000	12,600	7,000	5,100	11,100	197.00	248.00	312.00
Md	3,900	2,800	4,000	2,650	2,100	3,250	271.00	264.00	339.00
Wis	5,000	5,900	6,400	4,600	6,900	6,000	224.00	246.00	251.00
Other States ³	15,000	15,710	15,340	15,800	16,900	17,300	289.00	313.00	339.00
U.S	48,000	60,310	68,140	55,800	74,200	82,650	287.00	343.00	359.00

¹ Preliminary.

² Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

³ 1976—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Ohio, Pennsylvania, Tennessee, Utah, and Washington; 1977—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Ohio, Pennsylvania, Virginia, and Washington; 1978—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Ohio, Oregon, Pennsylvania, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 220.—Beans, green lima, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	For fresh market ¹					For processing				
	Area harvested	Yield per acre	Production ²	Value ³		Area harvested	Yield per acre	Production	Value ⁴	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.⁵</i>	<i>1,000 cwt.⁵</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons⁶</i>	<i>Tons⁶</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	13,250	25	332	9.96	3,306	75,910	1.04	78,850	182.00	14,316
1965	11,900	25	303	10.40	3,137	83,970	1.15	96,650	177.00	17,081
1966	11,200	25	279	11.70	3,263	96,950	1.08	104,500	174.00	18,208
1967	10,900	26	288	11.70	3,373	97,310	1.19	115,750	178.00	20,552
1968	10,500	25	259	11.90	3,076	104,680	1.10	115,300	194.00	22,360
1969						83,180	1.19	98,700	179.00	17,659
1970						70,630	1.11	78,750	184.00	14,491
1971						71,130	1.13	80,650	185.00	14,960
1972						74,470	1.22	90,650	208.00	18,829
1973						77,530	1.27	98,100	211.00	20,714
1974						73,700	1.21	89,400	315.00	28,179
1975						76,900	1.25	96,100	322.00	30,898
1976						48,000	1.16	55,800	287.00	16,007
1977						60,310	1.23	74,200	343.00	25,426
1978 ⁷						68,140	1.21	82,650	359.00	29,704

¹ Estimates discontinued in 1969.² Excludes the following quantities not harvested or not marketed because of economic conditions: 1,000 cwt. in 1964.³ Price and value on f.o.b. basis.⁴ Price and value at processing plant door.⁵ In the shell.⁶ Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.⁷ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 221.—Beans, snap, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	For fresh market					For processing				
	Area harvested	Yield per acre	Production ¹	Value ²		Area harvested	Yield per acre	Production	Value ³	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	102,440	38	3,854	10.10	38,777	216,930	2.17	469,880	102.00	47,800
1965	96,430	39	3,756	10.70	40,307	230,660	2.34	540,530	96.60	52,231
1966	97,410	37	3,618	12.00	43,305	245,070	2.13	521,330	101.00	52,544
1967	97,790	39	3,785	11.50	43,580	273,590	2.32	635,920	102.00	64,521
1968	94,440	37	3,520	12.60	44,271	267,070	2.35	626,630	99.80	62,556
1969	88,320	37	3,290	13.00	42,826	238,290	2.39	568,450	99.50	56,565
1970	85,350	37	3,120	13.10	41,010	227,770	2.50	570,150	95.60	54,480
1971	83,610	37	3,096	14.40	44,599	240,200	2.48	596,650	92.60	55,264
1972	86,700	36	3,137	14.80	46,569	255,440	2.40	613,400	100.00	61,538
1973	85,870	35	3,033	17.90	54,173	292,180	2.54	741,650	103.00	76,241
1974	82,990	35	2,920	18.60	54,404	291,080	2.57	748,350	157.00	117,654
1975	84,220	38	3,179	19.60	62,303	273,580	2.43	665,200	153.00	102,096
1976	85,120	37	3,126	19.90	62,253	237,170	2.49	590,700	139.00	81,895
1977	78,250	37	2,884	21.10	60,965	257,640	2.62	675,450	145.00	98,170
1978 ⁴	84,560	34	2,868	25.40	72,719	280,250	2.56	716,700	145.00	103,784

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 143 in 1964, 152 in 1965, and 38 in 1968.² Price and value on f.o.b. basis.³ Price and value at processing plant door.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 222.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78

Utilization, season, and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
FOR FRESH MARKET									
Winter:									
Fla	<i>Acres</i> 14,900	<i>Acres</i> 5,500	<i>Acres</i> 14,400	<i>1,000</i> <i>cwt.</i> 477	<i>1,000</i> <i>cwt.</i> 198	<i>1,000</i> <i>cwt.</i> 302	<i>Dollars</i> <i>per cwt.</i> 23.50	<i>Dollars</i> <i>per cwt.</i> 25.80	<i>Dollars</i> <i>per cwt.</i> 35.00
Total	14,900	5,500	14,400	477	198	302	23.50	25.80	35.00
Spring:									
Calif	900	900	650	90	95	68	23.10	20.30	37.90
Fla	12,200	13,500	12,600	464	486	441	13.90	18.60	27.20
Ga	2,500	2,300	2,600	73	64	78	17.50	23.00	21.50
N.J	900	1,200	600	45	44	21	18.90	24.40	30.00
N.C	2,700	2,700	2,600	73	65	57	18.30	19.30	27.00
S.C. ²	3,000	2,000	2,100	84	66	65	17.50	16.50	19.00
Total	22,200	22,600	21,150	829	820	730	16.20	19.30	26.90
Summer:									
Ala	1,400	1,200	1,200	42	36	36	19.20	30.60	41.70
Calif	1,700	1,700	1,700	145	153	162	18.60	20.20	23.20
Ga	1,300	1,200	1,400	38	31	31	19.30	20.60	21.20
Md	1,700	1,800	1,800	41	41	38	15.60	12.90	17.40
Mich	2,800	2,700	2,600	92	92	78	20.00	20.20	23.10
N.J	5,000	4,600	3,900	175	161	144	20.40	19.40	24.80
N.Y	7,400	7,400	6,000	244	266	240	22.30	22.40	25.80
N.C	3,800	3,700	3,700	137	133	148	24.00	25.60	24.70
Ohio	800	1,000	900	36	40	27	20.70	21.10	22.20
Pa	710	700	700	37	37	37	19.00	18.90	23.20
Tenn	1,900	2,200	2,200	80	88	75	16.50	20.30	28.90
Va	3,000	2,900	2,700	84	84	73	16.00	19.50	23.50
Total	31,510	31,100	28,800	1,151	1,162	1,089	20.10	21.20	24.90
Fall:									
Calif	1,100	1,200	1,000	83	84	75	20.00	24.60	30.40
Fla	10,500	12,000	13,500	420	444	486	21.40	21.00	18.10
Ga	700	1,400	1,200	20	36	28	18.50	22.00	23.50
Md	280	290	290	11	12	11	18.60	17.30	19.30
N.J	700	700	800	21	20	33	23.10	22.50	21.90
N.C	300	300	340	12	12	12	25.00	21.70	22.80
S.C	1,000	1,000	1,000	30	32	30	18.00	19.80	19.00
Va	1,800	2,000	1,900	61	52	59	23.00	18.50	18.50
Total	16,380	18,890	20,030	658	692	734	21.20	21.20	19.90
All groups	84,990	78,090	84,380	3,115	2,872	2,855	19.80	21.00	25.20
Hawaii	130	160	180	11	12	13	45.50	52.50	57.80
U.S	85,120	78,250	84,560	3,126	2,884	2,868	19.90	21.10	25.40

See footnotes at end of table.

Table 222.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78—Continued

Utilization and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
FOR PROCESSING									
Ark	3,600	4,700	3,900	8,750	8,450	7,350	148.00	120.00	103.00
Calif	4,800	6,000	7,400	11,300	15,750	16,050	199.00	186.00	212.00
Colo	1,500	1,700	1,400	4,900	6,050	4,200	133.00	126.00	128.00
Del			10,400			22,150			164.00
Ill	7,700	7,200	9,200	21,400	20,150	24,000	132.00	142.00	146.00
Ky			1,200			1,850			145.00
Md	4,900	6,800	6,300	9,000	12,900	12,600	151.00	171.00	174.00
Mich	14,000	16,800	16,400	30,400	41,300	34,450	122.00	125.00	148.00
N.Y	42,600	43,000	50,700	70,300	96,100	107,850	138.00	149.00	149.00
N.C	1,300	1,400	1,500	2,950	1,850	2,000	177.00	154.00	143.00
Okl	2,300	2,200	850	5,300	3,600	1,300	114.00	95.60	94.00
Oreg	29,300	32,500	35,600	136,250	140,200	152,100	133.00	152.00	137.00
Pa	5,300	5,000	4,800	12,050	10,350	11,000	145.00	162.00	157.00
Tenn	11,800	13,700	12,000	23,350	26,100	19,300	156.00	166.00	175.00
Va	3,500	3,000	4,300	5,550	5,450	6,600	151.00	179.00	158.00
Wis	69,500	67,200	68,000	170,250	185,450	188,350	134.00	128.00	132.00
Other States ³	35,370	46,440	46,300	78,950	101,800	105,550	150.00	160.00	152.00
Total	237,170	257,640	280,250	590,700	675,450	716,700	139.00	145.00	145.00
Grand total	322,290	335,890	364,810	747,000	819,650	860,100	193.00	194.00	205.00

¹ Preliminary.² Excludes the following quantities not harvested or not marketed because of economic conditions, 22,000 cwt. in 1977.³ 1976–77—Alabama, Delaware, Florida, Georgia, Idaho, Indiana, Kentucky, Maine, Minnesota, Missouri, New Jersey, Ohio, South Carolina, Texas, Utah, Washington, and West Virginia; 1978—Alabama, Florida, Georgia, Idaho, Indiana, Maine, Minnesota, Missouri, New Jersey, Ohio, Texas, Utah, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 223.—Beets, commercial crop: Area, yield production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	For fresh market ¹					For processing				
	Area for harvest	Yield per acre	Production	Value ²		Area harvested	Yield per acre	Production	Value ³	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	2,940	123	361	4.68	1,688	16,220	10.96	177,790	19.00	3,385
1965	2,700	123	331	5.23	1,730	14,530	12.29	178,510	18.30	3,271
1966	2,800	116	326	4.15	1,352	17,050	11.37	193,850	20.00	3,872
1967	2,750	107	294	4.09	1,202	17,630	11.70	206,350	20.50	4,226
1968	1,800	134	241	5.22	1,259	21,160	12.72	269,200	23.80	6,394
1969						17,930	12.24	219,550	22.00	4,831
1970						15,000	13.71	205,650	21.30	4,379
1971						13,690	13.86	189,750	21.40	4,059
1972						12,670	13.02	164,900	23.70	3,910
1973						16,400	12.25	200,850	27.50	5,520
1974						18,510	13.03	241,100	41.00	9,887
1975						18,080	12.78	231,100	38.20	8,818
1976						14,490	10.86	157,350	38.50	6,057
1977						14,120	14.60	206,200	40.70	8,383
1978 ⁴						17,320	12.78	221,300	39.30	8,706

¹ Estimates discontinued in 1969.² Price and value on f.o.b. basis.³ Price and value at processing plant door.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 224.—Beets (for canning), commercial crop: Area, production, and value per ton, by States, 1976–78

State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
N.Y.	4,700	3,600	5,000	56,450	51,600	72,200	35.30	35.00	39.20
Wis.	6,300	6,906	7,600	58,400	95,000	94,000	35.90	36.60	36.30
Other States ²	3,490	3,620	4,720	42,500	59,600	55,100	46.30	52.00	44.70
U.S.	14,490	14,120	17,320	157,350	206,200	221,300	38.50	40.70	39.30

¹ Preliminary.² 1976—California, Ohio, Oregon, Texas, and Washington; 1977—California, Indiana, Michigan, Ohio, Oregon, and Texas; 1978—California, Illinois, Michigan, Ohio, Oregon, and Texas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 225.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78¹

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production ²	Value ³		Production	Value ³		Production	Value ⁴	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	38,100	61	2,323	7.97	18,522	.....	.....	.....	.....	.....	.....
1965	37,470	59	2,211	8.31	18,369	.....	.....	.....	.....	.....	.....
1966	39,280	68	2,677	8.68	23,247	.....	.....	.....	.....	.....	.....
1967	43,360	64	2,782	8.88	24,696	.....	.....	.....	.....	.....	.....
1968	42,950	72	3,080	8.93	27,497	.....	.....	.....	.....	.....	.....
1969	37,360	67	2,487	10.10	25,153	811	13.00	10,575	83,800	174.00	14,578
1970	41,140	76	3,138	9.71	30,482	977	13.40	13,072	108,050	161.00	17,410
1971	42,770	74	3,171	11.20	35,577	1,286	14.80	19,002	94,250	176.00	16,575
1972	47,300	77	3,644	10.80	39,451	1,375	14.10	19,436	113,450	176.00	20,015
1973	53,940	65	3,502	12.10	42,476	1,497	15.70	23,517	100,250	189.00	18,959
1974	49,400	80	3,933	14.20	55,912	1,590	17.10	27,264	117,150	245.00	28,648
1975	49,650	79	3,940	15.10	59,444	2,035	17.40	35,376	95,250	253.00	24,068
1976	52,800	81	4,289	15.90	68,204	2,234	19.00	42,495	102,750	250.00	25,709
1977	70,890	80	5,694	16.30	92,748	2,572	19.70	50,562	156,100	270.00	42,186
1978 ⁵	68,250	84	5,752	17.70	102,081	2,735	21.30	58,184	150,850	291.00	43,897

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 46 in 1970 and 22 in 1973.³ Price and value on f.o.b. basis.⁴ Price and value at processing plant door.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 227

¹ Includes production for fresh market and processing.² Excludes the following quantities not harvested or not marketed because of economic conditions; 95,000 cwt in 1965.³ Price and value on f.o.b. basis.⁴ Beginning 1971, California only.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 226.—Broccoli, commercial crop: Area, production, and value per hundredweight, by States, 1976–78¹

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ariz	350	31,150	32,100	18	371	3130	21.00	321.20	316.30
Calif	13,000	12,900	15,000	1,105	1,097	1,050	15.00	18.90	18.10
Tex	450	(³)	(³)	30	(³)	(³)	18.60	(³)	(³)
Total	13,800	14,050	17,100	1,153	1,168	1,180	16.00	19.10	17.90
Spring:									
Calif	14,800	23,000	15,900	1,332	1,955	1,383	13.80	14.20	18.50
Total	14,800	23,000	15,900	1,332	1,955	1,383	13.80	14.20	18.50
Summer:									
Calif	6,700	11,100	14,200	503	833	1,136	17.80	16.90	18.00
Oreg	900	940	900	73	81	76	12.10	15.10	14.30
Total	7,600	12,040	15,100	576	914	1,212	17.00	16.80	17.80
Fall:									
Ariz	300	31,000	3850	15	355	347	24.30	314.40	316.00
Calif	15,900	20,800	19,300	1,195	1,602	1,930	17.40	16.60	17.10
Tex	400	(³)	(³)	20	(³)	(³)	22.40	(³)	(³)
Total	16,600	21,800	20,150	1,228	1,657	1,977	17.50	16.60	17.10
U.S	52,800	70,890	68,250	4,289	5,694	5,752	15.90	16.30	17.70

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif	2,129	2,470	2,623	18.90	19.50	21.20	100,200	150,850	143,800	252.00	272.00	296.00
Other States ⁴	105	102	112	20.70	23.20	23.50	2,550	5,250	7,050	180.00	220.00	189.00
U.S	2,234	2,572	2,735	19.00	19.70	21.30	102,750	156,100	150,850	250.00	270.00	291.00

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.² Preliminary.³ Texas and Arizona are combined to avoid disclosure.⁴ Includes Arizona, Oregon, and Texas in "For fresh market;" includes Oregon and Texas in "For processing."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 227.—Brussels sprouts, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964–78¹

Year	Area for harvest	Yield per acre	Production ²	Value ³		Year	Area for harvest	Yield per acre	Production	Value ³	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964 . . .	6,200	118	730	10.60	7,752	1972 . . .	6,560	111	725	14.30	10,387
1965 . . .	6,400	107	682	12.00	8,191	1973 . . .	6,100	105	641	13.90	8,894
1966 . . .	6,900	106	734	11.90	8,704	1974 . . .	5,700	115	656	18.60	12,169
1967 . . .	6,600	104	685	11.50	7,874	1975 . . .	5,800	120	696	17.50	12,205
1968 . . .	6,800	94	638	11.60	7,427	1976 . . .	4,900	120	588	18.50	10,870
1969 . . .	6,500	89	579	11.50	6,673	1977 . . .	5,800	135	783	18.90	14,831
1970 . . .	5,950	99	587	13.50	7,929	1978 ³ . .	5,900	125	738	21.40	15,768
1971 ⁴ . .	6,140	107	655	12.40	8,122						

See footnotes on page 161.

Table 228.—Cabbage, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight and per ton, total value, and stocks, United States, 1964–78

Year	Total crop						Stocks ⁴	
	Area for harvest	Yield per acre	Production ¹	Shrinkage and loss ²	Value ³		Dec. 1	Jan. 1 ⁵
					Per cwt.	Total		
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1964	116,290	186	21,603	164	2.52	53,968	910	460
1965	115,110	199	22,908	270	2.41	54,648	1,180	810
1966	110,580	193	21,390	148	3.32	70,130	750	420
1967	114,180	215	24,505	200	2.43	59,010	980	720
1968	106,770	221	23,585	191	2.81	65,826	1,050	640
1969	108,040	209	22,540	202	2.96	66,102	920	520
1970	109,860	218	23,991	352	3.41	80,529	1,140	820
1971	108,640	220	23,914	260	3.32	78,458	950	520
1972	105,230	215	22,573	200	3.52	78,641	640	400
1973	110,570	220	24,290	260	5.09	122,368	600	495
1974	107,390	236	25,341	289	3.92	98,160	6770	570
1975	103,750	241	24,985	351	4.63	113,990	.....	.....
1976	98,830	239	23,606	326	5.02	116,865	.....	.....
1977	91,740	259	23,806	604	7.43	172,409	.....	.....
1978 ⁷	96,330	257	24,715	470	6.82	165,305	.....	.....

Year	For fresh market					For sauerkraut				
	Area for harvest	Yield per acre	Production ^{1,2}	Value ³		Area harvested	Yield per acre	Production ¹	Value ³	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	106,010	173	18,345	2.83	51,467	10,280	15.84	162,850	15.40	2,501
1965	102,360	177	18,130	2.88	51,389	12,750	18.74	238,910	13.60	3,259
1966	99,820	178	17,799	3.77	66,534	10,760	16.69	179,560	20.00	3,596
1967	99,900	191	19,037	2.89	54,357	14,280	19.15	273,400	17.00	4,653
1968	94,210	201	18,948	3.29	61,647	12,560	18.46	231,850	18.00	4,179
1969	95,260	190	18,090	3.46	61,865	12,780	17.41	222,500	19.00	4,237
1970	96,880	193	18,669	4.14	75,822	12,980	20.50	266,100	17.70	4,707
1971	97,180	198	19,215	3.92	74,347	11,460	20.50	234,950	17.50	4,111
1972	94,430	197	18,611	4.04	74,396	10,800	18.34	198,100	21.40	4,245
1973	97,530	204	19,907	5.95	116,944	13,040	16.81	219,150	24.80	5,424
1974	93,480	211	19,712	4.60	89,440	13,910	20.23	281,450	31.00	8,720
1975	91,940	220	20,190	5.37	106,465	11,810	20.30	239,750	31.40	7,525
1976	87,360	217	18,965	5.88	109,630	11,470	20.23	232,050	31.20	7,235
1977	81,210	235	19,111	8.93	165,243	10,530	22.29	234,750	30.50	7,166
1978 ⁷	85,730	238	20,367	7.97	158,484	10,600	20.51	217,400	31.40	6,821

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 507.2 in 1964, 305 in 1965, 258 in 1966, 420 in 1967, 144 in 1968, 135 in 1969, 180 in 1970, 10 in 1971, 37 for fresh market (also 200 tons for processing) in 1972, and 78 in 1976.

²Shrinkage and loss from New York storage crop excluded in computing value.

³Fresh market price and value on f.o.b. basis; processing price and value at processing plant door.

⁴Grower and dealer stocks, New York only.

⁵Jan. 1 of succeeding year.

⁶As of Nov. 15.

⁷Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 229.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78

Utilization, season, and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
TOTAL CROP²									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif	2,400	2,200	2,300	504	517	518	5.41	15.70	6.32
Fla	10,000	9,000	8,700	2,500	1,935	1,523	4.61	15.20	9.32
Tex	10,000	6,200	9,500	1,800	1,736	2,660	4.43	17.70	9.08
Total	22,400	17,400	20,500	4,804	4,188	4,701	4.63	16.30	8.85
Spring:									
Calif	2,300	2,300	2,000	460	518	440	3.72	5.56	9.80
Fla	5,400	5,600	6,000	1,566	1,596	1,560	3.73	9.46	8.48
Ga	2,600	2,600	2,000	234	216	240	4.04	7.37	8.90
N.J	900	900	500	198	203	115	4.73	5.54	10.70
N.C	2,100	2,200	1,900	252	242	209	3.17	3.89	10.20
Ohio	450	450	400	90	99	84	4.20	5.20	11.00
S.C	1,200	800	800	120	68	100	4.42	5.96	10.90
Tenn	660	660	730	277	182	197	3.58	3.91	7.07
Tex	3,600	3,200	4,400	774	992	1,320	4.88	8.58	10.40
Total	19,210	18,710	18,730	3,971	4,116	4,265	4.01	7.72	9.42
Summer:									
Calif	1,400	1,400	1,500	357	371	390	6.13	4.94	6.69
Colo. ³	870	1,100	1,500	283	363	413	4.26	4.10	7.77
Ga	600	500	1,000	54	53	140	6.40	6.53	9.40
Ill	1,700	1,600	1,600	357	320	328	3.88	4.53	6.72
Ind	1,100	980	1,000	336	284	270	3.47	3.69	8.41
Md	670	670	650	127	127	111	3.88	4.80	9.12
Mass	980	890	830	235	200	191	4.20	4.70	5.90
Mich	2,300	2,300	2,200	345	391	385	4.41	5.32	8.85
N.J. ⁴	2,300	2,400	2,000	449	444	440	4.58	5.31	10.00
N.Y	3,700	3,800	3,500	1,314	1,444	1,330	2.94	3.05	4.31
N.C	3,700	2,600	2,900	740	481	537	4.24	4.29	7.94
Ohio	1,200	1,200	1,300	252	264	299	5.24	5.69	8.66
Pa	1,500	1,500	1,600	315	375	336	4.55	4.95	7.57
Va	900	970	1,100	176	243	297	3.94	4.10	6.40
Wash	1,100	950	1,000	259	266	265	4.65	3.82	4.77
Wis	2,700	3,000	3,000	999	1,275	1,125	2.15	2.51	3.43
Total	26,720	25,860	26,680	6,598	6,901	6,857	3.81	3.94	6.38
Fall:									
Calif	1,600	1,600	1,700	392	432	434	7.68	6.35	5.23
Colo. ³	220	200	...	88	60	...	4.17	7.43	...
Fla	1,700	1,800	1,900	383	369	399	9.70	6.64	5.00
Ind	200	40	100	60	11	26	4.33	6.60	7.00
Mich	1,700	1,600	1,700	289	312	323	3.99	4.72	5.08
N.J	1,400	1,000	1,000	273	220	220	5.51	7.47	5.98
N.Y. ⁵	9,100	9,400	8,800	3,049	3,619	3,608	9.20	5.69	4.90
N.C	2,200	2,200	1,700	253	242	221	6.18	6.10	4.18
Ohio	1,400	1,600	1,900	546	640	770	2.02	2.41	2.38
Oreg. and Idaho	1,090	1,020	1,120	411	353	360	4.73	5.62	4.36
Pa	1,000	1,000	1,100	230	170	242	5.31	4.91	6.59
Tex	5,500	5,500	6,700	1,018	1,100	1,340	8.84	7.47	5.30
Va	380	370	470	78	93	134	3.06	6.25	4.10
Wis	2,600	2,000	1,800	1,040	850	675	2.15	3.64	2.96
Total	30,090	29,330	29,990	8,110	8,471	8,752	6.72	5.56	4.63
All groups	98,420	91,300	95,900	23,483	23,676	24,575	4.99	7.41	6.80
Hawaii	410	440	430	123	130	140	9.90	11.20	10.30
U.S	98,830	91,740	96,330	23,606	23,806	24,715	5.02	7.43	6.82

See footnotes at end of table.

Table 229.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78—Continued

Utilization, season, and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
FOR SAUERKRAUT									
Colo	50	70	100	1,900	2,450	2,200	32.10	41.60	27.00
N.Y.	3,900	4,100	4,000	81,600	90,950	82,000	30.80	29.90	29.70
Ohio	1,000	1,100	1,300	23,500	27,300	32,400	31.20	30.50	32.70
Wis	4,200	3,500	3,200	76,550	74,450	59,550	28.80	29.30	30.40
Other States ⁶	2,320	1,760	2,000	48,500	39,600	41,250	35.50	33.60	35.30
U.S.	11,470	10,530	10,600	232,050	234,750	217,400	31.20	30.50	31.40

¹Preliminary.²Includes production for fresh market and processing.³Summer and fall estimates combined in 1978 and included as summer.⁴Excludes the following quantities not harvested or not marketed because of economic conditions: 78,000 cwt. in 1976.⁵Storage crop includes some quantities lost by shrinkage and waste.⁶1976—Florida, Idaho, Illinois, Indiana, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington; 1977–78—Idaho, Illinois, Indiana, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 230.—Cantaloups, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964–78¹

Year	Area for harvest	Yield per acre	Produc- tion ²	Value ³		Year	Area for harvest	Yield per acre	Produc- tion ²	Value ³	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	121,450	100	12,162	5.02	61,009	1972 . . .	97,750	133	13,045	7.28	94,939
1965	109,600	104	11,439	5.51	63,051	1973 . . .	93,000	122	11,302	8.08	91,268
1966	103,800	104	10,745	6.28	67,428	1974 . . .	69,800	139	9,720	9.99	97,111
1967	107,200	117	12,539	6.26	78,504	1975 . . .	75,060	130	9,774	10.50	102,242
1968	115,350	117	13,543	5.78	78,234	1976 . . .	75,030	133	10,005	11.00	109,739
1969	124,300	110	13,697	5.61	76,850	1977 . . .	79,500	135	10,760	10.60	113,991
1970	109,710	121	13,282	6.16	81,882	1978 ⁴ . .	93,920	139	13,029	9.63	125,459
1971	100,400	123	12,382	6.56	81,220						

¹Excludes casaba, crenshaw, persian, santa claus, honeyball, and honeydew melons.²Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 240 in 1965, 10 in 1971, 203 in 1973, and 46 in 1974.³Price and value on f.o.b. basis.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 233

¹Preliminary.²Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 1976—winter, California, 96; spring, California, 147; 1977—fall, Wisconsin, 5; 1978—fall, Minnesota, 28, Wisconsin, 9.³Illinois, New Jersey, and Ohio.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 231.—Cantaloups, commercial crop: Area, production, and value per hundredweight, by States, 1976–78¹

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
Ariz.	5,000	5,300	6,000	625	795	960	13.80	10.90	11.10
Calif.	8,200	10,700	12,600	1,230	1,498	2,079	12.40	9.68	9.79
Tex.	10,400	10,700	13,200	988	1,338	1,518	12.60	14.60	9.30
Total	23,600	26,700	31,800	2,843	3,631	4,557	12.80	11.80	9.90
Summer:									
Ariz.	1,900	4,300	3,100	266	688	465	11.50	10.10	13.30
Calif.	28,100	27,200	34,500	5,058	4,488	5,693	10.30	9.97	9.18
Colorado ..	830	850	920	149	115	147	8.00	4.50	5.16
Ga.	3,700	3,700	4,000	226	233	220	6.53	6.20	5.50
Ind.	1,800	1,800	1,800	234	270	252	8.43	9.79	8.95
Mich.	2,000	2,000	2,100	150	160	168	13.70	11.10	12.20
S.C.	3,200	3,100	2,800	131	140	120	9.15	8.56	8.10
Tex.	5,500	6,500	6,100	440	683	561	12.00	11.40	11.30
Total	47,030	49,450	55,320	6,654	6,777	7,626	10.30	9.90	9.45
Fall:									
Ariz.	1,700	850	800	170	102	96	11.70	9.11	8.97
Calif.	2,700	2,500	6,000	338	250	750	9.15	13.20	9.92
Total	4,400	3,350	6,800	508	352	846	10.00	12.00	9.81
U.S.	75,030	79,500	93,920	10,005	10,760	13,029	11.00	10.60	9.63

¹Excludes casaba, crenshaw, persian, santa claus, honeyball, and honeydew melons. ²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 232.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production ¹	Value ²		Production	Value ²		Production	Value ³	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	82,510	197	16,216	3.46	56,183	...	...	...	...	...	...
1965	79,680	219	17,469	3.50	61,176	...	...	...	...	...	...
1966	79,680	216	17,215	4.02	69,176	...	...	...	...	...	...
1967	81,290	215	17,501	4.16	72,873	...	...	...	...	...	...
1968	72,200	265	19,142	4.31	82,516	...	...	...	...	...	...
1969	79,000	233	18,380	4.37	80,260	11,168	6.22	69,504	360,600	29.80	10,756
1970	77,570	234	18,156	3.63	65,953	10,952	5.09	55,783	360,200	28.20	10,170
1971	72,330	261	18,866	5.02	94,738	11,671	7.18	83,753	359,750	30.50	10,985
1972	75,800	259	19,605	5.14	100,749	12,571	7.21	90,651	351,700	28.70	10,098
1973	83,800	266	22,284	4.76	106,034	12,857	7.20	92,532	471,350	28.60	13,502
1974	78,550	292	22,924	5.28	121,145	13,289	7.66	101,811	481,750	40.10	19,334
1975	70,180	272	19,073	6.93	132,196	12,567	9.39	118,013	325,300	43.60	14,183
1976	73,370	262	19,247	5.95	114,565	12,505	8.11	101,363	337,100	39.20	13,202
1977	69,520	276	19,208	7.36	141,432	10,872	11.30	123,234	416,800	43.70	18,198
1978 ⁴	76,120	258	19,630	6.67	130,855	11,111	10.00	111,618	425,950	45.20	19,237

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 170 in 1975 and 243 in 1976. ²Price and value on f.o.b. basis. ³Price and value at processing plant door.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 233.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
Winter:									
Ariz	<i>Acres</i> 500	<i>Acres</i> 600	<i>Acres</i> 700	<i>1,000</i> <i>cwt.</i> 60	<i>1,000</i> <i>cwt.</i> 84	<i>1,000</i> <i>cwt.</i> 105	<i>Dollars</i> <i>per cwt.</i> 6.22	<i>Dollars</i> <i>per cwt.</i> 16.90	<i>Dollars</i> <i>per cwt.</i> 9.72
Calif.:									
Desert ²	4,400	4,000	3,800	1,056	1,040	950	5.18	12.00	7.55
Other	4,900	4,100	4,100	1,519	1,107	1,210	5.30	11.30	7.89
Tex	10,500	8,000	9,200	1,575	1,120	1,794	5.70	12.60	6.15
Total	20,300	16,700	17,800	4,210	3,351	4,059	5.43	12.10	7.09
Spring:									
Ariz	1,500	1,200	1,300	165	180	150	7.15	9.01	8.89
Calif.:									
Desert ²	5,700	5,700	5,200	1,397	1,083	1,040	4.57	8.79	6.90
Other	4,800	4,900	4,700	1,728	1,558	1,551	6.16	9.12	8.45
Tex	5,300	3,200	4,700	636	592	611	5.67	8.45	7.30
Total	17,300	15,000	15,900	3,926	3,423	3,352	5.56	8.90	7.78
Summer:									
Calif.: Other	6,300	6,800	7,100	1,890	2,346	1,633	6.79	5.60	10.40
Colo	1,000	1,000	1,000	280	220	250	8.26	8.24	9.95
Ill	250	250	300	75	88	90	6.27	5.45	6.96
Mich	3,300	3,000	3,300	858	690	792	7.35	9.57	11.30
Tex	700	800	500	126	100	90	10.20	12.70	11.50
Wash	700	1,000	900	242	435	342	7.24	4.20	5.26
Wis	1,700	1,700	1,400	638	799	581	3.28	3.33	4.18
Total	13,950	14,550	14,500	4,109	4,678	3,778	6.58	5.94	9.07
Fall:									
Calif.:									
Desert	700	500	500	147	95	110	10.50	8.88	8.00
Other	6,200	7,000	8,100	1,550	1,995	2,106	8.61	6.73	5.84
Mich	2,700	2,600	2,800	783	611	672	8.09	10.10	8.44
Minn. ²	1,000	1,100	1,300	450	534	553	2.82	3.57	3.61
N.Y	1,800	1,900	1,900	630	589	580	7.60	13.10	7.47
Oreg	960	1,200	1,400	427	528	532	3.59	3.26	3.80
Tex	2,300	2,200	4,800	428	341	864	9.71	7.56	7.08
Wash	3,400	4,000	3,600	1,547	1,900	1,548	4.55	2.61	2.52
Wis. ²	1,600	1,800	2,400	624	837	1,008	3.13	3.17	3.36
N.J. and Ohio	1,160	970	1,120	416	326	468	2.06	2.22	2.46
Total	21,820	23,270	27,920	7,002	7,756	8,441	6.11	5.51	4.95
U.S	73,370	69,520	76,120	19,247	19,208	19,630	5.95	7.36	6.67

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
Ariz	<i>1,000</i> <i>cwt.</i> 225	<i>1,000</i> <i>cwt.</i> 264	<i>1,000</i> <i>cwt.</i> 255	<i>Dol-</i> <i>lars</i> <i>per</i> <i>cwt.</i> 6.90	<i>Dol-</i> <i>lars</i> <i>per</i> <i>cwt.</i> 11.50	<i>Dol-</i> <i>lars</i> <i>per</i> <i>cwt.</i> 9.24	<i>Tons</i> 102,200	<i>Tons</i> 139,400	<i>Tons</i> 120,900	<i>Dol-</i> <i>lars</i> <i>per</i> <i>ton</i> 40.30	<i>Dol-</i> <i>lars</i> <i>per</i> <i>ton</i> 49.50	<i>Dol-</i> <i>lars</i> <i>per</i> <i>ton</i> 53.20
Calif	7,243	6,446	6,182	7.48	10.70	9.82						
Colo	280	220	250	8.26	8.24	9.95						
Mich	1,195	1,041	1,006	9.81	11.60	13.50	22,300	13,000	22,900	41.20	51.30	42.90
Minn	56	120	109	11.30	10.20	11.50	19,700	20,700	22,200	32.20	33.10	33.50
N.Y	401	418	300	10.50	17.50	12.40	11,450	8,550	14,000	50.30	44.60	43.80
Oreg	78	76	70	12.50	11.80	16.00	17,450	22,600	23,100	32.00	36.40	39.00
Tex	2,165	1,713	2,467	7.74	13.00	8.57	30,000	22,000	44,600	41.70	31.80	33.70
Wash	610	411	261	11.30	9.36	11.80	58,950	96,200	81,450	32.00	30.60	32.00
Wis	192	103	148	8.71	9.76	10.60	53,500	76,650	72,050	44.30	56.30	58.90
Other States ³	60	60	63	7.30	7.00	9.00	21,550	17,700	24,750	41.30	44.20	49.00
U.S	12,505	10,872	11,111	8.11	11.30	10.00	337,100	416,800	425,950	39.20	43.70	45.20

See footnotes on page 165.

Table 234.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78¹

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ariz	750	³ 1,210	³ 1,500	45	³ 85	³ 108	21.40	³ 28.70	³ 27.70
Calif	6,000	5,900	4,300	510	443	301	20.40	25.60	26.60
Tex	150	(³)	(³)	15	(³)	(³)	20.90	(³)	(³)
Total	6,900	7,110	5,800	570	528	409	20.50	26.10	26.90
Spring:									
Calif	5,200	5,900	5,200	468	590	421	18.90	19.20	28.30
Total	5,200	5,900	5,200	468	590	421	18.90	19.20	28.30
Summer:									
Calif	5,900	6,800	9,900	620	714	1,089	15.10	20.50	20.40
N.Y	1,400	1,200	1,200	106	92	78	22.10	23.90	21.00
Total	7,300	8,000	11,100	726	806	1,167	16.10	20.80	20.50
Fall:									
Ariz ³	250	³ 400	³ 800	15	³ 25	³ 50	33.90	³ 19.50	³ 22.20
Calif	9,400	11,400	14,000	799	1,197	1,470	14.80	19.30	20.00
Mich	550	850	600	30	51	30	21.60	16.90	26.70
N.Y	1,700	1,800	2,000	196	225	196	16.70	19.60	17.80
Oreg	1,900	1,900	2,100	257	285	326	11.00	9.14	10.60
Tex ³	350	(³)	(³)	20	(³)	(³)	29.70	(³)	(³)
Total	14,150	16,350	19,500	1,317	1,783	2,072	14.90	17.60	18.50
U.S	33,550	37,360	41,600	3,081	3,707	4,069	16.80	19.80	20.90

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ariz	60	93	..	24.50	28.80	..	..	..	..	..	..	..
Calif	1,522	1,664	1,594	21.50	23.30	25.90	43,750	64,000	84,350	176.00	337.00	359.00
Mich	27	24	..	23.30	28.40	..	150	1,350	..	133.00	132.00	..
Other States ⁴	93	365	492	23.10	21.00	22.30	10,200	12,700	14,800	158.00	144.00	170.00
U.S	1,999	2,146	2,086	21.30	23.20	25.00	54,100	78,050	99,150	173.00	302.00	331.00

¹ Includes heading (cauliflower) broccoli.² Preliminary.³ Texas and Arizona are combined to avoid disclosure.⁴ Arizona, Michigan, New York, Oregon, and Texas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 235.—Cauliflower, commercial crop: Area, yield, production, value per hundred-weight and per ton, and total value, 1964–78¹

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production ²	Value ³		Production	Value ³		Production	Value ⁴	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	26,460	95	2,507	7.69	19,291	.....	.....	.....	.....	.....	.....
1965	24,800	100	2,473	8.22	20,333	.....	.....	.....	.....	.....	.....
1966	25,950	97	2,526	8.62	21,786	.....	.....	.....	.....	.....	.....
1967	26,250	93	2,445	8.77	21,447	.....	.....	.....	.....	.....	.....
1968	27,350	100	2,737	8.77	24,015	.....	.....	.....	.....	.....	.....
1969	27,300	96	2,615	9.47	24,775	1,650	11.80	19,533	48,250	109.00	5,242
1970	24,060	96	2,298	9.48	21,786	1,354	12.40	16,776	47,200	106.00	5,010
1971	24,960	98	2,456	10.20	25,107	1,274	14.50	18,420	59,100	113.00	6,687
1972	28,080	106	2,989	10.60	31,537	1,611	14.60	23,529	68,900	116.00	8,008
1973	31,780	93	2,940	11.50	33,902	1,442	16.40	23,625	74,900	137.00	10,277
1974	32,220	94	3,033	13.10	39,594	1,553	17.80	27,653	74,000	161.00	11,941
1975	31,980	94	2,998	15.20	45,504	1,755	19.90	35,000	62,150	169.00	10,504
1976	33,550	92	3,081	16.80	51,868	1,999	21.30	42,535	54,100	173.00	9,333
1977	37,360	99	3,707	19.80	73,387	2,146	23.20	49,816	78,050	302.00	23,571
1978 ⁵	41,600	98	4,069	20.90	85,031	2,086	25.00	52,227	99,150	331.00	32,804

¹Includes heading (cauliflower) broccoli.²Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 42 in 1970, 27 in 1973.³Price and value on f.o.b. basis.⁴Price and value at processing plant door.⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 236.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964–78¹

Year	Area for harvest	Yield per acre	Produc- tion ²	Value ³		Year	Area for harvest	Yield per acre	Produc- tion ²	Value ³	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	30,540	455	13,882	4.58	63,518	1972	33,220	482	16,021	6.42	102,794
1965	30,790	454	13,977	4.43	61,940	1973	33,480	501	16,784	6.04	101,352
1966	32,710	449	14,680	4.88	71,659	1974	32,690	504	16,476	5.70	93,956
1967	32,660	450	14,684	4.75	69,719	1975	31,750	498	15,826	7.46	118,122
1968	32,910	470	15,465	4.65	71,940	1976	33,660	502	16,904	7.89	133,336
1969	33,180	476	15,790	5.61	88,601	1977	33,760	491	16,561	8.51	140,978
1970	33,080	469	15,531	5.39	83,642	1978 ⁴ . .	33,310	474	15,780	11.60	183,782
1971	33,540	474	15,909	5.46	86,908						

¹Mostly for fresh market use, but includes quantities used for processing.²Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 183 in 1964, 134 in 1965, 297 in 1966, 823 in 1967, 351 in 1968, 128 in 1969, 22 in 1970, 70 in 1971, 56 in 1973, and 109 in 1974.³Price and value on f.o.b. basis.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 238

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 157 in 1964, 46 in 1965, 89 in 1966, 30 in 1967, 49 in 1969, 120 in 1970, 349 in 1971, and 77 in 1972.²Price and value on f.o.b. basis.³Price and value at processing plant door.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 237.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1976–78¹

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Calif.:									
Southern Coast . . .	3,800	4,100	4,300	2,128	2,317	2,301	8.65	11.40	8.82
Fla.	4,300	4,100	4,400	2,086	1,640	1,848	10.40	12.50	11.20
Total	8,100	8,200	8,700	4,214	3,957	4,149	9.52	11.90	9.88
Spring:									
Calif.:									
Southern Coast . . .	4,900	4,800	4,300	2,646	2,808	2,279	6.22	7.39	15.10
Central Coast . . .	500	600	480	280	336	300	5.92	6.48	19.80
Fla.	3,900	4,000	4,700	1,463	1,160	1,575	9.15	10.60	14.50
Total	9,300	9,400	9,480	4,389	4,304	4,154	7.18	8.19	15.20
Summer:									
Calif.:									
Central Coast . . .	3,700	4,000	3,500	2,035	2,340	1,855	6.29	6.50	12.20
Mich.	1,800	1,900	2,000	801	846	810	8.54	8.39	14.40
N.Y.	760	440	600	258	185	252	8.44	8.47	15.70
Ohio	220	230	330	103	97	172	9.48	8.12	13.70
Total	6,480	6,570	6,430	3,197	3,468	3,089	7.13	7.11	13.10
Fall:									
Calif.:									
Southern Coast . . .	2,000	2,000	1,800	1,130	1,160	1,017	7.70	5.90	8.50
Central Coast . . .	4,900	4,900	4,400	2,891	2,867	2,552	7.25	7.21	8.26
Fla.	2,000	1,800	2,100	700	423	651	8.98	8.61	11.10
Mich.	500	500	300	215	228	126	8.48	7.71	12.20
N.Y.	130	110	100	48	46	42	7.70	8.70	14.60
Wash. ³	250	280	.....	120	108	.....	7.17	6.90	.....
Total	9,780	9,590	8,700	5,104	4,832	4,388	7.63	7.05	8.91
U.S.	33,660	33,760	33,310	16,904	16,561	15,780	7.89	8.51	11.60

¹ Mostly for fresh market use, but includes some quantities used for processing.² Preliminary.³ Estimates discontinued in 1978.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 238.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production ¹	Value ²		Area harvested	Yield per acre	Production	Value ³	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	197,850	62	12,198	4.52	55,088	353,040	4.19	1,480,700	20.40	30,185
1965	199,480	66	13,198	4.38	57,795	376,690	4.28	1,613,600	22.41	36,159
1966	194,860	63	12,204	5.06	61,749	445,650	4.40	1,962,400	22.70	44,637
1967	190,100	70	13,219	4.83	63,852	470,550	4.47	2,101,900	25.00	52,541
1968	182,880	69	12,670	5.21	66,038	519,160	4.78	2,479,300	25.60	63,405
1969	189,100	69	12,996	4.93	64,061	448,700	4.70	2,109,350	25.10	52,983
1970	190,000	69	13,102	5.27	69,029	413,650	4.56	1,888,200	23.90	45,134
1971	184,800	68	12,654	5.83	73,745	424,600	4.84	2,054,200	24.20	49,781
1972	182,400	73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,754
1973	179,800	78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,163
1974	177,400	77	13,609	7.80	106,116	462,150	4.48	2,069,450	54.30	112,306
1975	177,500	79	14,081	8.41	118,451	508,700	4.70	2,393,100	53.60	128,227
1976	179,500	80	14,370	8.18	117,603	460,980	4.84	2,233,100	48.20	107,703
1977	169,900	79	13,406	8.07	108,253	453,980	5.23	2,376,200	49.60	117,879
1978 ⁴	170,000	77	13,065	8.75	114,320	429,610	5.65	2,428,950	50.30	122,230

See footnotes on page 169.

Table 239.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78

Utilization season, and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
FOR FRESH MARKET									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Fla	11,300	3,800	10,800	1,130	285	767	11.20	11.30	13.10
Total	11,300	3,800	10,800	1,130	285	767	11.20	11.30	13.10
Spring:									
Ala	1,200	1,000	900	90	60	72	8.00	8.10	9.10
Calif	6,200	6,600	6,100	620	627	641	9.11	9.74	10.50
Fla	32,500	32,500	30,500	3,575	3,575	3,355	7.42	8.89	8.52
Tex	2,200	3,100	1,800	132	202	162	6.85	7.20	8.30
Total	42,100	43,200	39,300	4,417	4,464	4,230	7.65	8.92	8.82
Summer:									
Ala	1,800	1,200	1,200	135	60	84	11.20	8.80	12.90
Calif	7,800	6,800	6,600	468	408	330	7.01	7.82	9.40
Colo	3,400	3,300	3,200	306	314	320	7.65	7.31	6.98
Conn	4,500	4,400	4,600	293	277	322	7.94	7.00	7.10
Ill	4,600	4,000	3,900	350	344	328	5.55	4.27	7.53
Mass	7,400	7,200	6,500	533	432	572	7.71	8.90	7.00
Mich	12,300	12,300	11,700	701	775	702	7.33	7.07	9.28
N.J. ²	11,100	11,100	10,000	777	777	700	9.63	7.57	8.54
N.Y	21,100	20,500	21,000	1,372	1,517	1,323	7.54	6.12	6.69
N.C	5,400	4,900	4,700	351	294	249	7.13	7.15	9.00
Ohio	14,000	14,500	14,800	910	1,088	1,036	9.12	8.11	9.60
Oreg	1,700	1,900	1,700	145	171	145	9.56	9.90	10.10
Pa	11,900	11,100	11,800	916	666	578	8.50	8.02	9.11
Va	1,400	1,200	1,000	134	92	100	12.60	5.88	8.00
Wash	1,800	1,900	2,000	151	171	160	8.52	9.32	8.50
Total	110,200	106,300	104,700	7,542	7,386	6,949	8.14	7.31	8.29
Fall:									
Calif	1,900	1,400	1,400	105	70	70	6.23	8.44	7.60
Fla	14,000	15,200	13,800	1,176	1,201	1,049	7.71	8.83	8.41
Total	15,900	16,600	15,200	1,281	1,271	1,119	7.59	8.81	8.36
U.S	179,500	169,900	170,000	14,370	13,406	13,065	8.18	8.07	8.75
FOR PROCESSING									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons³</i>	<i>Tons³</i>	<i>Tons³</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Del	1,800	2,300	2,300	6,500	15,000	15,000	51.00	51.00	75.50
Idaho	23,600	24,500	23,800	162,850	141,300	157,900	51.20	48.70	55.50
Ill	52,600	45,900	48,400	244,250	225,350	246,850	50.50	52.80	51.00
Iowa	10,400	9,200	6,700	41,450	46,350	36,000	48.20	45.80	45.90
Md	13,700	12,900	11,500	50,000	45,550	49,900	52.80	57.90	61.30
Minn	116,500	120,000	111,500	503,200	648,000	641,100	43.80	46.00	45.40
N.Y	21,000	17,000	20,300	82,750	96,500	99,450	45.40	45.70	54.30
Oreg	39,900	40,900	40,200	312,750	301,700	320,000	57.30	64.40	58.90
Pa	5,100	5,000	4,400	17,450	16,700	16,900	50.50	49.40	42.80
Wash	36,100	36,800	40,700	226,000	222,650	308,100	59.50	56.80	59.40
Wis	129,700	130,700	110,800	543,850	596,000	504,150	40.20	42.30	41.40
Other States ⁴	10,580	11,080	9,010	42,050	36,100	38,100	51.10	55.70	55.70
U.S	460,980	453,980	429,610	2,233,100	2,376,200	2,428,950	48.20	49.60	50.30
Grand total	640,480	623,880	599,610	2,951,600	3,046,500	3,082,200	76.30	74.20	76.70

¹ Preliminary.² Excludes the following quantities not harvested or not marketed because of economic conditions: 56,000 cwt. in 1978.³ Tonnage in husk.⁴ 1976—Indiana, Texas, Utah, Virginia, and West Virginia; 1977—Delaware, Indiana, Texas, Utah, Virginia, and West Virginia; 1978—Indiana, Texas, Utah, Virginia, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 240.—Cucumbers, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78

Utilization, season, and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
FOR FRESH MARKET									
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Calif	1,000	850	800	265	225	208	11.00	12.20	18.70
Fla	7,800	8,000	8,000	1,287	1,160	1,200	6.36	9.38	11.20
N.C	3,000	3,000	3,400	171	210	133	7.90	7.02	16.00
S.C. ²	4,000	4,100	3,600	380	369	360	10.30	7.20	11.90
Tex	2,900	2,900	3,400	136	290	357	12.90	11.90	16.10
Total	18,700	18,850	19,200	2,239	2,254	2,258	8.09	9.41	13.10
Summer:									
Calif	1,300	1,300	1,500	345	364	390	8.95	10.60	10.60
Md	1,600	1,600	1,500	155	150	147	11.00	10.30	9.23
Mich	2,000	2,100	2,100	140	168	147	11.00	9.28	12.10
N.J	1,500	1,500	1,500	218	225	218	5.14	13.10	11.40
N.Y	2,200	2,200	2,500	253	253	263	11.30	10.70	11.40
N.C	3,900	3,800	5,100	265	220	281	9.01	8.61	11.60
Tex	800	1,800	1,000	96	216	155	12.10	11.90	14.20
Va	2,600	3,000	3,100	169	204	217	10.20	11.00	12.50
Total	15,900	17,300	18,300	1,641	1,800	1,818	9.50	10.70	11.50
Fall:									
Calif	600	700	600	117	133	114	12.40	13.30	11.90
Fla	7,000	7,800	7,600	665	936	912	13.30	9.57	9.28
S.C	1,400	1,200	1,000	64	61	66	9.94	9.89	9.60
Tex	3,000	4,300	4,800	165	305	336	14.90	9.70	9.50
Va	2,200	1,500	1,800	139	84	110	8.00	6.07	9.97
Total	14,200	15,500	15,800	1,150	1,519	1,538	12.60	9.74	9.59
All groups	48,800	51,650	53,300	5,030	5,573	5,614	9.58	9.93	11.60
Hawaii	260	260	280	48	43	42	17.80	23.40	23.60
U.S	49,060	51,910	53,580	5,078	5,616	5,656	9.66	10.00	11.70
FOR PROCESSING									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ala	4,300	3,800	5,600	19,800	6,650	7,450	118.00	163.00	114.00
Calif	4,800	4,300	3,900	71,050	61,800	61,600	126.00	120.00	137.00
Colo	2,400	1,600	2,200	22,050	17,250	17,500	78.50	108.00	131.00
Ind	1,400	1,400	950	11,500	9,750	9,200	104.00	108.00	142.00
Md	3,600	2,800	2,900	19,800	19,450	19,750	113.00	112.00	117.00
Mich	25,500	24,500	26,500	103,300	114,000	126,000	112.00	109.00	120.00
Miss	5,000	3,600	.....	12,000	6,100	.....	111.00	143.00	.....
N.C	1,800	1,400	1,600	15,450	13,200	14,700	135.00	132.00	157.00
N.J	27,700	28,000	29,500	78,100	72,900	77,300	139.00	132.00	128.00
Ohio	6,200	6,400	6,400	67,000	71,200	67,700	145.00	132.00	132.00
S.C	7,700	8,700	9,700	19,050	24,950	29,650	135.00	141.00	156.00
Tex	6,000	5,400	7,000	37,850	38,600	55,600	129.00	139.00	130.00
Va	2,700	2,800	3,600	13,900	8,600	20,200	124.00	119.00	123.00
Wis	10,100	9,400	11,100	44,500	58,550	61,050	117.00	127.00	106.00
Other States ³	19,180	19,690	23,320	98,450	100,850	117,800	135.00	135.00	141.00
U.S	128,380	123,790	134,270	633,800	623,850	685,500	126.00	126.00	130.00
Grand total	177,440	175,700	187,850	887,700	904,650	968,300	145.00	149.00	160.00

¹Preliminary.²Excludes the following quantities not harvested or not marketed because of economic conditions: 40,000 cwt. in 1977.³1976—Arizona, Arkansas, Delaware, Florida, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Nebraska, New York, Oregon, Pennsylvania, South Dakota, Tennessee, and Washington; 1977—Arizona, Arkansas, Delaware, Florida, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Nebraska, New York, Oregon, Pennsylvania, South Dakota, and Washington; 1978—Arizona, Arkansas, Delaware, Florida, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Mississippi, Nebraska, New York, Oklahoma, Oregon, Pennsylvania, South Dakota, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 241.—Cucumbers, commercial crop: Area, yield, production, value per hundredweight and per ton, total value, and pickle stocks, United States, 1964–78

Year	For fresh market					For processing					Pickle stocks on hand Oct. 1 ⁴
	Area for harvest	Yield per acre	Production ¹	Value ²		Area harvested	Yield per acre	Production ¹	Value ³		
				Per cwt.	Total				Per ton	Total	
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1964	52,280	95	4,954	5.72	28,326	108,900	3.91	425,790	65.80	28,025	434,230
1965	50,500	98	4,932	5.92	29,209	108,210	3.97	429,220	76.00	32,603	441,650
1966	48,190	98	4,728	6.74	31,845	131,020	4.10	537,800	81.60	43,866	485,700
1967	50,380	99	4,990	6.37	31,787	156,200	3.84	599,350	91.20	54,662	572,400
1968	53,590	83	4,449	7.12	31,659	148,320	3.81	564,460	92.10	52,003	591,450
1969	48,580	91	4,422	7.21	31,861	135,020	3.83	517,000	91.90	47,534	548,500
1970	47,670	94	4,478	6.42	28,737	133,580	3.83	517,000	91.90	47,534	548,500
1971	46,550	93	4,326	7.57	32,742	127,600	4.41	588,800	94.10	55,391	563,050
1972	48,960	96	4,702	8.14	38,274	128,830	4.43	563,100	93.20	52,461	522,300
1973	43,890	96	4,206	9.34	39,292	125,930	4.76	598,800	99.30	59,448	501,000
1974	45,690	102	4,676	10.40	48,683	132,010	4.52	597,000	131.00	77,954	496,000
1975	47,450	102	4,840	10.40	50,292	140,170	4.81	674,250	129.00	86,730	502,800
1976	49,060	104	5,078	9.66	49,063	128,380	4.94	633,800	126.00	79,751	476,500
1977	51,910	108	5,616	10.00	56,338	123,790	5.04	623,850	126.00	78,651	494,550
1978 ⁵	53,580	106	5,656	11.70	66,151	134,270	5.11	685,500	130.00	88,820	471,850

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 101 in 1964, 3 for fresh market and 13,630 tons for processing in 1965.

²Price and value on f.o.b. basis.

³Price and value at processing plant door.

⁴Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1 includes stocks of fresh-pack pickles.

⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 242.—Eggplant, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964–78

Year	Area for harvest	Yield per acre	Production ¹	Value ²		Year	Area for harvest	Yield per acre	Production ¹	Value ²	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	3,850	134	517	6.25	3,231	1972 ...	3,100	168	522	8.68	4,530
1965	3,650	153	558	5.88	3,283	1973 ...	2,800	188	527	9.80	5,164
1966	3,350	152	510	7.40	3,775	1974 ...	3,250	186	605	11.60	7,042
1967	3,550	155	551	6.58	3,623	1975 ...	3,350	209	701	10.40	7,289
1968	2,900	146	424	10.70	4,520	1976 ...	3,450	203	702	10.40	7,317
1969	3,350	143	478	8.62	4,120	1977 ...	3,150	203	641	11.00	7,058
1970	3,000	156	467	8.03	3,749	1978 ³ ..	3,350	197	661	12.60	8,347
1971	2,770	158	437	9.18	4,013						

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 20 in 1964, 20 in 1965, and 21 in 1966.

²Price and value on f.o.b. basis.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 243.—Eggplant, commercial crop: Area, production, and value per hundredweight, by States, 1976–78

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Fla	550	250	450	118	50	99	9.97	13.80	10.30
Spring: Fla	900	900	800	230	221	176	9.76	11.80	15.70
Summer: N.J	1,200	1,000	1,000	174	155	155	10.70	12.30	16.30
Fall: Fla	800	1,000	1,100	180	215	231	11.30	8.62	8.82
U.S	3,450	3,150	3,350	702	641	661	10.40	11.00	12.60

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 244.—Escarole—endive, commercial crop: Area, production, and value per hundredweight, by States, 1976–78

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Fla	2,700	2,700	2,600	378	324	325	14.20	21.10	21.10
Total	2,700	2,700	2,600	378	324	325	14.20	21.10	21.10
Spring: Fla	1,500	1,600	1,800	210	208	270	11.40	12.80	20.30
N.J	400	330	250	62	58	48	12.80	10.20	42.20
Ohio	100	100	50	14	10	6	20.00	21.00	45.00
Total	2,000	2,030	2,100	286	276	324	12.10	12.60	24.00
Summer: N.J	700	770	650	130	135	120	15.30	13.50	19.20
Ohio	500	500	600	73	65	87	21.00	20.50	30.60
Total	1,200	1,270	1,250	203	200	207	17.30	15.80	24.00
Fall: Fla	1,700	1,700	1,600	238	221	200	12.70	12.60	11.30
Ohio	50	50	50	5	4	5	20.30	22.60	25.80
Total	1,750	1,750	1,650	243	225	205	12.90	12.80	11.70
U.S	7,650	7,750	7,600	1,110	1,025	1,061	13.90	15.90	20.70

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 245.—Escarole-endive, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-78

Year	Area for harvest	Yield per acre	Production ¹	Value ²		Year	Area for harvest	Yield per acre	Production ¹	Value ²	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	8,800	113	993	6.65	6,608	1972 ...	9,800	120	1,180	7.99	9,431
1965	10,200	99	1,012	5.91	5,979	1973 ...	8,400	143	1,199	11.60	13,943
1966	10,450	109	1,143	5.80	6,632	1974 ...	8,300	135	1,123	10.80	12,157
1967	9,450	119	1,122	6.21	6,965	1975 ...	7,600	144	1,092	12.10	13,195
1968	7,800	137	1,066	7.60	8,107	1976 ...	7,650	145	1,110	14.00	15,483
1969	9,500	116	1,102	7.49	8,249	1977 ...	7,750	132	1,025	15.90	16,331
1970	8,800	127	1,120	6.48	7,259	1978 ³ ..	7,600	140	1,061	20.70	21,990
1971	9,100	127	1,155	9.10	10,513						

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 53 in 1965 and 40 in 1968. ²Price and value on f.o.b. basis. ³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 246.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-78

Year	Area for harvest	Yield per acre	Production	Value ¹		Year	Area for harvest	Yield per acre	Production	Value ¹	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	9,800	134	1,312	5.49	7,206	1972	13,200	175	2,307	6.24	14,390
1965	10,300	145	1,496	5.62	8,411	1973	14,000	175	2,453	7.47	18,324
1966	9,100	134	1,216	6.63	8,062	1974	12,400	176	2,185	8.23	17,993
1967	11,300	140	1,577	5.82	9,186	1975	12,570	191	2,395	9.31	22,286
1968	10,300	134	1,379	6.71	9,249	1976	13,950	168	2,346	10.60	24,916
1969	13,800	143	1,971	5.86	11,544	1977	15,480	167	2,591	9.87	25,561
1970	13,200	146	1,931	5.66	10,936	1978 ² ...	18,520	186	3,442	9.57	32,949
1971	12,300	166	2,039	6.23	12,712						

¹Price and value on f.o.b. basis. ²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 247.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1976-78

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
Tex	3,500	5,100	4,000	291	500	600	18.40	14.30	13.90
Total	3,500	5,100	4,000	291	500	600	18.40	14.30	13.90
Summer:									
Ariz	1,700	1,100	1,400	145	165	224	11.50	10.50	8.95
Calif	7,600	8,300	11,000	1,710	1,702	2,145	9.28	8.63	8.80
Total	9,300	9,400	12,400	1,855	1,867	2,369	9.45	8.80	8.81
Fall:									
Ariz	400	170	220	42	30	45	8.72	8.13	7.04
Calif	750	810	1,900	158	194	428	10.50	9.00	7.97
Total	1,150	980	2,120	200	224	473	10.10	8.88	7.88
U.S.	13,950	15,480	18,520	2,346	2,591	3,442	10.60	9.87	9.57

¹Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 248.—Garlic, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964–78¹

Year	Area for harvest	Yield per acre	Production	Value		Year	Area for harvest	Yield per acre	Production	Value	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	4,400	115	506	9.38	4,746	1972 ...	5,100	130	663	9.84	6,525
1965	4,600	120	552	8.40	4,636	1973 ...	6,900	130	897	11.70	10,522
1966	3,500	100	350	8.27	2,894	1974 ...	9,000	130	1,170	12.20	14,265
1967	4,400	115	506	10.10	5,120	1975 ...	10,800	130	1,404	13.10	18,415
1968	6,400	125	800	8.99	7,192	1976 ...	8,800	105	924	13.00	11,995
1969	7,300	120	876	8.44	7,397	1977 ...	10,400	110	1,144	14.30	16,336
1970	5,600	130	728	8.39	6,111	1978 ² ...	13,000	120	1,560	15.80	24,723
1971	3,700	130	481	9.32	4,485						

¹California only. Includes production for fresh market and processing.²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 249.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964–78

Year	Area for harvest	Yield per acre	Production ¹	Value ²		Year	Area for harvest	Yield per acre	Production ¹	Value ²	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	212,590	184	39,137	4.40	172,068	1972 ...	220,470	221	48,720	5.73	279,295
1965	214,940	190	40,884	4.61	188,323	1973 ...	224,950	225	50,535	7.40	374,177
1966	216,960	191	41,534	5.31	220,608	1974 ...	228,320	225	51,431	6.93	356,402
1967	221,150	195	42,966	4.99	214,564	1975 ...	228,750	235	53,658	6.82	366,167
1968	220,980	200	44,273	4.51	199,845	1976 ...	225,020	240	53,955	8.68	468,378
1969	228,570	196	44,874	5.41	242,672	1977 ...	231,480	243	56,267	7.54	424,515
1970	234,740	198	46,540	4.75	221,150	1978 ³ ..	236,450	256	60,516	10.70	648,341
1971	216,750	219	47,367	6.31	298,847						

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 7.2 in 1964; 46 in 1965; 673 in 1966; 124 in 1967; 735 in 1968; 576 in 1969; 915 in 1970; 338 in 1971; 82 in 1972; and 1,316 in 1973.²Price and value on f.o.b. basis.³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 250.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1976–78

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ariz	13,900	14,000	15,500	2,532	2,800	3,720	7.45	8.54	10.20
Calif	41,500	40,900	39,600	9,753	9,612	9,108	6.52	7.98	9.85
Fla	3,600	4,300	4,100	828	688	779	10.70	13.30	16.80
Tex	2,500	2,800	3,000	475	490	735	8.13	6.57	10.40
Total	61,500	62,000	62,200	13,588	13,590	14,342	7.00	8.31	10.30
Spring:									
Ariz	7,400	7,400	7,700	1,734	1,776	1,348	8.30	5.15	21.10
Calif	43,600	41,800	40,400	11,772	11,704	12,928	6.10	5.47	15.70
Fla	2,500	2,800	3,600	388	406	828	9.87	8.77	22.50
N.J	1,700	1,700	1,400	289	272	245	7.57	8.06	13.40
N. Mex	900	750	1,300	171	128	351	5.60	6.50	15.50
Total	56,100	54,450	54,400	14,354	14,286	15,700	6.49	5.58	16.50
Summer:									
Calif	37,000	41,000	44,000	10,360	11,890	13,640	11.00	7.21	6.91
Ariz	4,800	4,300	5,400	1,224	1,011	1,161	10.10	5.89	4.99
Mich	1,400	1,400	1,400	238	238	273	13.90	9.60	13.70
N.J	600	600	500	108	105	95	11.00	7.22	8.55
N.Y	2,800	3,300	3,500	504	660	665	11.80	8.71	9.95
Ohio	700	700	800	98	105	144	27.50	22.80	32.70
Wash	1,200	1,100	1,200	228	215	204	8.09	7.40	7.90
Wis	1,400	1,400	1,200	322	322	258	12.40	9.65	7.83
Total	49,900	53,800	58,000	13,082	14,546	16,440	11.10	7.39	7.27
Fall:									
Ariz	16,000	16,500	16,300	3,410	3,465	3,505	8.11	8.15	8.59
Calif	33,000	36,000	35,400	7,755	8,820	8,673	10.10	8.74	8.00
Fla	2,400	2,300	2,800	336	345	448	14.70	16.10	20.70
N.J	1,200	1,100	700	288	220	154	20.00	10.80	9.82
N. Mex	3,200	3,000	3,700	832	600	703	14.20	8.85	7.96
Tex	1,200	1,800	2,400	224	297	444	20.60	12.70	8.00
Total	57,000	60,700	61,300	12,845	13,747	13,927	10.40	8.90	8.58
All groups	224,500	230,950	235,900	53,869	56,169	60,409	8.66	7.52	10.70
Hawaii	520	530	550	86	98	107	19.10	19.10	20.60
U.S	225,020	231,480	236,450	53,955	56,267	60,516	8.68	7.54	10.70

¹Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 251.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1976–1978¹

Season and State	Area			Production			Shrinkage and loss			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ariz	1,800	1,400	1,800	720	616	738	....	....	....	4.75	7.54	5.11
Calif. ³	5,900	5,700	5,300	1,652	1,967	1,590	....	....	....	4.73	8.44	7.57
Tex	24,000	16,900	22,300	4,800	2,789	3,345	....	....	....	6.92	13.40	9.53
Total	31,700	24,000	29,400	7,172	5,372	5,673	....	....	....	6.20	10.90	8.41
Summer:												
Non-storage:												
N.J.	700	650	600	123	117	84	....	....	....	8.24	8.32	9.61
N. Mex	4,000	3,200	3,700	1,340	1,040	1,184	....	....	....	5.60	7.70	8.54
Tex	6,600	6,800	7,400	1,881	1,870	1,517	....	....	....	6.15	9.85	10.20
Wash	550	600	650	209	204	247	....	....	....	5.42	8.10	9.50
Non-storage total	11,850	11,250	12,350	3,553	3,231	3,032	....	....	....	5.97	8.99	9.48
Storage:												
Colo	5,900	6,800	7,800	2,183	2,040	2,730	373	450	400	8.35	5.53	6.06
Idaho	5,300	5,300	5,200	2,915	2,412	2,444	950	676	736	8.60	5.45	6.85
Mich	7,100	7,100	7,200	2,166	2,095	2,448	206	415	392	9.40	6.30	6.65
Minn	800	840	970	172	218	223	22	18	40	10.80	6.35	6.71
N.Y.	13,700	13,300	13,900	3,631	4,057	4,170	545	811	625	10.60	7.81	7.10
Ohio	470	560	550	174	216	204	32	28	28	8.54	6.12	6.95
Oreg.(east)	6,000	6,600	7,100	3,300	3,300	3,337	1,075	926	1,004	8.60	5.45	6.85
Oreg.(west)	2,200	2,100	2,100	1,133	987	945	239	242	198	7.85	5.39	5.80
Utah	1,500	1,700	2,200	450	570	792	63	103	137	6.68	4.63	6.00
Wash	1,800	2,700	3,100	720	1,107	1,178	120	421	178	8.55	5.94	7.00
Wis	1,400	1,200	1,400	413	348	371	50	38	50	9.54	5.56	5.75
Storage total	46,170	48,200	51,520	17,257	17,350	18,842	3,675	4,128	3,788	9.07	6.17	6.66
Calif. ⁴	19,500	24,500	27,500	7,215	8,453	8,388	259	200	327	3.96	4.15	5.59
Total summer	77,520	83,950	91,370	28,025	29,034	30,262	3,934	4,328	4,115	7.14	5.86	6.66
U.S.	109,220	107,950	120,770	35,197	34,406	35,935	3,934	4,328	4,115	6.92	6.76	6.97

¹ Mostly for fresh market use, but includes some quantities used for processing.² Preliminary.³ Excludes the following quantities not harvested or not marketed because of economic conditions: 30,000 cwt in 1976.⁴ Summer crop—primarily for processing.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 252.—Onions: Foreign trade, United States, 1964–77

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1964	433	1,105	1969	837	1,514	1974	909	1,553
1965	552	1,138	1970	500	1,398	1975	696	1,758
1966	567	1,675	1971	590	1,269	1976	1,403	3,169
1967	921	1,318	1972	1,458	1,340	1977	1,345	1,941
1968	514	1,193	1973	1,079	1,773			

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 253.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundred weight, total value, stocks, United States, 1964–79¹

Year	Stocks in storage Jan. 1			Area for harvest	Yield per acre	Production ³	Shrinkage and loss	Value ⁴	
	In common storage ²	In cold storage	Total					Per cwt.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1964	4,369	274	4,643	99,660	254	25,267	2,375	2.86	65,412
1965	4,553	291	4,844	97,170	289	28,078	3,828	3.21	77,945
1966	5,544	250	5,794	93,780	264	24,723	2,247	4.89	107,201
1967	4,079	206	4,285	102,680	278	28,579	2,210	3.95	104,113
1968	4,609	202	4,811	105,920	272	28,769	3,137	3.60	92,390
1969	5,301	214	5,515	100,000	282	28,234	2,239	4.13	107,450
1970	4,351	185	4,536	101,000	302	30,493	3,558	3.67	98,752
1971	5,470	180	5,650	98,800	302	29,803	2,627	3.88	105,330
1972	4,810	170	4,980	94,470	300	28,355	2,457	6.48	167,715
1973	3,961	77	4,038	104,990	283	29,689	2,327	7.57	207,226
1974	4,754	81	4,835	109,730	302	33,151	2,934	4.87	147,182
1975	5,109	80	5,189	103,080	305	31,418	2,944	9.35	266,230
1976	4,430	88	4,518	109,220	322	35,197	3,934	6.92	216,356
1977	5,126	98	5,224	107,950	319	34,406	4,328	6.76	203,432
1978 ⁵	5,620	63	5,683	120,770	298	35,935	4,115	6.97	221,698
1979 ⁵	5,847	67	5,914	.....	.....	.....	.....	.....	.....

¹ Mostly for fresh market use, but includes some quantities used for processing.² Grower and local dealer stocks.³ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 644 in 1964, 257 in 1967, 39 in 1970, and 30 in 1976. Includes storage crop onions harvested but not sold because of shrinkage and waste.⁴ Price and value on f.o.b. basis.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 254.—Peas, green, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production	Value ¹		Area harvested	Yield per acre	Production	Value ²	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt. ³	1,000 cwt. ³	Dollars	1,000 dollars	Acres	Tons ⁴	Tons	Dollars	1,000 dollars
1964	4,550	45	203	10.10	2,041	417,410	1.16	484,050	96.90	46,896
1965	3,100	39	120	11.20	1,338	441,630	1.37	603,310	99.80	60,199
1966	2,000	35	70	13.30	932	434,080	1.18	510,100	105.00	53,329
1967	1,800	38	68	12.60	854	458,220	1.29	590,750	109.00	64,296
1968	2,000	30	59	15.00	884	452,090	1.29	582,600	107.00	62,370
1969	.....	.....	.....	.....	.....	404,150	1.30	524,400	106.00	55,699
1970	.....	.....	.....	.....	.....	387,360	1.26	489,550	109.00	53,311
1971	.....	.....	.....	.....	.....	386,210	1.37	527,650	107.00	56,676
1972	.....	.....	.....	.....	.....	380,670	1.36	516,050	112.00	57,968
1973	.....	.....	.....	.....	.....	423,790	1.20	507,650	119.00	60,530
1974	.....	.....	.....	.....	.....	421,700	1.36	573,150	196.00	112,166
1975	.....	.....	.....	.....	.....	437,650	1.30	570,750	218.00	124,604
1976	.....	.....	.....	.....	.....	393,020	1.31	513,200	199.00	101,982
1977	.....	.....	.....	.....	.....	350,480	1.40	488,950	206.00	100,533
1978 ⁵	.....	.....	.....	.....	.....	355,360	1.30	461,000	206.00	94,753

¹ Price and value on f.o.b. basis.² Price and value at processing plant door.³ In the shell.⁴ Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 255.—Peas, green (for processing), commercial crop: Area, production, and value per ton, by States, 1976–78

State	Area			Production ²			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif	8,000	7,100	9,200	11,150	11,600	10,050	196.00	179.00	208.00
Colo	380	420	310	450	550	450	263.00	271.00	270.00
Del	9,000	8,700	8,500	11,900	11,950	10,650	206.00	231.00	224.00
Idaho	16,500	7,500	8,000	19,650	5,750	15,800	207.00	236.00	219.00
Md	6,300	5,400	6,000	8,100	7,650	8,850	219.00	230.00	225.00
Minn	72,300	65,600	67,900	82,000	100,400	82,850	191.00	201.00	218.00
N.Y	4,100	5,200	5,600	5,850	7,200	8,000	265.00	248.00	252.00
Oreg	35,900	27,700	36,900	46,000	23,000	45,400	178.00	194.00	148.00
Pa . . . . .	.....	.....	1,400	.....	.....	1,800	.....	.....	189.00
Wash	74,600	69,000	75,000	129,100	106,250	118,500	200.00	202.00	204.00
Wis	117,200	107,500	97,000	119,600	146,200	108,650	196.00	204.00	202.00
Other States ³	48,740	46,360	39,550	79,400	68,400	50,000	211.00	215.00	229.00
U.S	393,020	350,480	355,360	513,200	488,950	461,000	199.00	206.00	206.00

¹ Preliminary.² Shelled basis; 2 1/2 pounds of peas in the shell produce approximately 1 pound of shelled peas.³ 1976–77—Illinois, Iowa, Maine, Michigan, Ohio, Pennsylvania, Utah, and Virginia; 1978—Illinois, Iowa, Maine, Michigan, Utah, and Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 256.—Peppers, green, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964–78 ¹

Year	Area for harvest	Yield per acre	Production ²	Value ³		Year	Area for harvest	Yield per acre	Production ²	Value ³	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	43,050	90	3,874	9.73	37,710	1972 . . .	47,750	97	4,651	12.70	59,025
1965	45,530	85	3,891	9.82	38,222	1973 . . .	47,930	99	4,738	13.90	65,739
1966	48,470	83	4,024	10.20	41,227	1974 . . .	48,840	108	5,251	14.50	76,290
1967	46,990	92	4,328	10.60	45,892	1975 . . .	50,480	101	5,106	16.60	84,892
1968	51,620	95	4,916	10.50	51,538	1976 . . .	53,750	98	5,255	16.80	88,248
1969	51,600	85	4,361	12.10	52,721	1977 . . .	55,900	95	5,333	16.40	87,637
1970	47,660	81	3,872	11.70	45,278	1978 ⁴ . .	53,100	99	5,255	19.80	104,069
1971	48,900	83	4,072	12.30	50,215						

¹ Mostly for fresh market use, but includes some quantities used for processing.² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 17 in 1964, 96 in 1965, and 62 in 1966.³ Price and value on f.o.b. basis.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 258

¹ Excludes 78,000 cwt. not marketed in 1967 and 1,369,000 cwt. in 1971. In 1966 includes 310,000 cwt. unharvested and/or not marketed which were excluded in computing price and value.² Obtained by weighting State prices by quantity sold.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 257.—Peppers, green, commercial crop: Area, production, and value per hundredweight, by States, 1976–78¹

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
Winter:									
Fla	<i>Areas</i> 5,200	<i>Acres</i> 4,800	<i>Acres</i> 5,500	<i>1,000</i> <i>cwt.</i> 572	<i>1,000</i> <i>cwt.</i> 264	<i>1,000</i> <i>cwt.</i> 663	<i>Dollars</i> <i>per cwt.</i> 24.50	<i>Dollars</i> <i>per cwt.</i> 29.10	<i>Dollars</i> <i>per cwt.</i> 20.70
Total	5,200	4,800	5,500	572	264	633	24.50	29.10	20.70
Spring:									
Calif	600	400	400	108	72	62	17.20	22.00	35.90
Fla	7,300	7,800	8,100	876	975	810	20.50	21.20	23.80
La	1,400	1,300	1,000	77	59	50	14.70	14.30	25.70
Tex	2,800	2,000	2,300	210	160	196	18.10	15.80	39.00
Total	12,100	11,500	11,800	1,271	1,266	1,118	19.50	20.20	27.20
Summer:									
Calif	3,900	3,700	3,400	800	777	680	10.60	12.20	14.10
Ky	1,700	3,000	2,200	170	228	152	7.97	7.71	8.36
Mich	1,500	1,400	1,500	105	105	117	17.10	17.50	20.10
N.J	6,300	7,100	5,100	410	462	357	12.60	17.40	16.20
N.C	7,900	7,000	6,700	284	259	248	13.60	12.10	20.30
Ohio	850	900	1,000	77	90	130	15.20	19.20	21.90
Tex	1,900	2,000	1,300	112	170	105	16.30	18.00	23.30
Total	24,050	25,100	21,200	1,958	2,091	1,789	12.10	13.90	16.40
Fall:									
Calif	4,000	3,700	3,400	660	740	697	13.90	13.10	13.10
Fla	4,200	5,200	4,500	441	598	495	22.00	16.40	21.90
N.J	900	1,100	900	59	77	59	11.70	13.80	13.50
Tex	3,300	4,500	5,800	294	297	464	21.30	15.90	22.50
Total	12,400	14,500	14,600	1,454	1,712	1,715	17.80	14.80	18.20
U.S	53,750	55,900	53,100	5,255	5,333	5,255	16.80	16.40	19.80

¹Mostly for fresh market use, but includes some quantities used for processing.²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 258.—Potatoes: Area, yield, production, and value, United States, 1964–78

Year	Area planted	Area harvested	Yield per harvested acre	Production ¹	Season average price per cwt. received by farmers ²	Value of production
	<i>1,000</i> <i>acres</i>	<i>1,000</i> <i>acres</i>	<i>Cwt.</i>	<i>1,000</i> <i>cwt.</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>
1964	1,311.3	1,271.9	190	241,076	3.50	846,017
1965	1,418.4	1,383.1	210	291,109	2.53	730,527
1966	1,497.6	1,462.6	210	307,242	2.04	622,581
1967	1,499.1	1,459.9	209	305,766	1.87	567,557
1968	1,414.5	1,383.3	214	295,401	2.23	657,202
1969	1,457.6	1,415.5	221	312,578	2.24	697,845
1970	1,449.5	1,421.0	229	325,716	2.21	715,123
1971	1,432.1	1,391.0	230	319,329	1.90	602,907
1972	1,301.1	1,255.6	236	296,359	3.02	895,903
1973	1,329.8	1,306.6	230	300,013	4.90	1,471,942
1974	1,421.6	1,391.6	245	342,395	4.01	1,354,928
1975	1,303.6	1,264.0	256	322,254	4.48	1,444,608
1976	1,407.3	1,374.5	260	357,674	3.59	1,282,856
1977	1,397.5	1,358.7	261	354,576	3.55	1,253,616
1978 ³	1,394.8	1,368.1	263	360,467	3.56	1,273,604

See footnotes on page 180.

Table 259.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1976–1978

Season and State	Area harvested			Production			Price for crop of—		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977 ¹	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter:									
Calif	5.2	4.5	3.0	1,144	1,058	690	5.89	5.97	8.00
Fla	9.2	8.9	9.9	1,840	1,602	1,931	10.37	10.40	7.75
Total	14.4	13.4	12.9	2,984	2,660	2,621	8.70	8.69	7.81
Spring:									
Ala	11.5	10.5	9.5	1,610	1,260	950	9.39	9.90	12.00
Ariz	6.8	6.5	6.0	1,836	1,755	1,590	5.06	5.12	8.15
Calif	34.2	30.8	29.0	13,509	11,858	8,265	4.59	6.01	7.45
Fla.: Hastings	19.3	19.5	20.6	4,053	4,290	3,502	4.95	5.22	5.24
Other	2.5	1.7	1.8	400	315	225	6.97	8.30	8.25
La	2.6	2.3	2.3	195	173	173	4.50	5.30	5.70
Miss	1.4	1.3	1.2	133	117	108	4.30	5.80	7.00
N.C	13.0	13.4	13.0	1,885	2,211	1,950	5.36	6.36	5.65
Tex	7.1	5.4	7.5	1,101	891	1,200	9.31	10.30	7.62
Total	98.4	91.4	90.9	24,722	22,870	17,963	5.30	6.23	7.13
Summer:									
Ala	8.2	7.5	8.0	1,189	750	1,200	5.76	8.25	11.80
Calif	8.1	8.4	7.9	2,916	3,024	2,844	4.10	5.35	6.70
Colo	7.5	6.8	6.6	1,988	1,802	1,650	3.22	3.30	3.42
Del	5.8	5.3	5.3	1,160	1,113	1,113	4.83	4.22	4.81
Ill	2.8	2.3	1.8	532	460	360	3.20	3.00	3.30
Ind	2.1	2.1	2.0	389	368	340	4.00	4.00	4.50
Iowa	2.5	2.1	1.5	463	473	300	3.80	4.20	4.50
Md	1.8	1.6	1.5	306	240	225	4.95	4.30	4.83
Mich	7.6	7.8	8.3	1,292	1,443	1,453	3.98	4.18	5.00
Minn	8.0	7.5	7.0	2,000	2,063	1,960	3.14	2.97	4.91
Nebr	2.2	2.1	1.8	352	315	288	3.35	4.05	4.20
N.J	7.6	8.1	8.2	1,976	2,147	2,091	4.47	4.14	3.90
N. Mex	3.2	2.9	3.8	576	551	779	3.10	3.50	5.00
N.C	4.0	4.0	4.0	500	500	500	5.43	5.85	9.27
Ohio	1.9	1.8	1.6	399	342	304	4.48	4.95	5.25
Tenn	4.7	4.5	4.4	447	405	396	7.70	7.75	7.15
Tex	9.6	10.3	11.2	2,352	2,369	2,408	5.20	6.98	7.72
Va	28.5	27.7	27.0	3,506	3,463	2,970	4.73	4.99	5.90
W. Va. ²	2.6	2.4	.....	198	154	.....	5.70	5.70	.....
Total	118.7	115.2	111.9	22,541	21,982	21,181	4.35	4.80	5.88
Fall:									
Calif	18.5	17.0	17.3	6,475	5,950	6,055	4.55	5.45	5.30
Colo	36.3	36.5	37.5	9,257	9,490	9,750	2.55	2.80	2.50
Conn	1.9	1.9	1.9	494	466	418	5.80	5.40	5.90
Idaho:									
10 S.W. counties	35.0	30.0	32.0	11,375	9,000	10,400	³ 2.95	³ 2.95	³ 2.60
Other counties	328.0	330.0	333.0	77,080	79,200	86,580	.....	.....	.....
Ind	6.0	4.7	3.9	1,530	1,128	936	3.90	4.75	3.90
Maine	112.0	118.0	119.0	27,440	28,320	26,180	4.95	5.36	3.20
Mass	3.5	3.7	3.6	770	888	810	5.80	5.40	5.90
Mich	34.0	32.0	34.0	8,330	8,800	8,670	4.20	4.13	4.50
Minn	67.0	72.0	71.0	11,055	12,960	14,910	3.25	2.74	2.60
Mont	8.4	8.4	8.7	1,806	2,016	2,088	4.50	4.75	4.00
Nebr	4.9	6.0	7.0	1,274	1,440	1,680	3.95	3.65	4.00
Nev	14.0	14.0	17.0	5,320	4,760	5,440	2.35	2.90	3.00
N.H. ² . . . . .	.4	.3	.....	104	71	.....	6.50	6.10	.....
N.Y.: Long Island	23.9	22.8	23.3	7,409	7,182	6,175	4.10	3.36	3.80
Upstate	24.9	20.6	25.0	6,101	5,356	6,500	5.75	4.83	4.90
N. Dak	121.0	135.0	128.0	16,940	21,600	22,400	3.45	2.70	2.70
Ohio	11.5	11.2	10.3	2,933	2,744	2,215	4.40	4.25	4.50
Oreg.: Malheur County	11.0	10.0	10.8	4,070	3,550	3,780	2.75	3.10	2.65
Other counties	54.6	50.0	56.8	24,843	22,000	24,708	2.70	2.85	3.40
Pa	28.0	25.5	25.0	7,140	6,375	6,250	5.00	4.70	4.70
R.I	4.2	4.1	4.1	1,050	943	902	3.90	3.90	4.25
S. Dak	4.4	5.9	7.0	286	1,062	1,190	3.20	3.05	3.08
Utah	5.2	5.9	4.6	1,248	1,416	1,127	3.10	3.04	3.67
Vt	1.1	1.0	.8	226	235	168	6.20	5.80	6.40
Wash	124.0	110.0	109.0	55,800	50,600	50,685	2.50	2.80	2.85
Wis	53.0	55.5	55.0	15,370	18,038	17,325	3.95	3.95	4.40
Wyo	6.3	6.7	6.8	1,701	1,474	1,360	3.45	3.65	3.95
Total	1,143.0	1,138.7	1,152.4	307,427	307,064	318,702	3.33	3.20	3.14
U.S	1,374.5	1,358.7	1,368.1	357,674	354,576	360,467	3.59	3.55	3.56

See footnotes on page 185.

Table 260.—Fall potatoes: Production and total stocks held by growers and local dealers, 25 States,¹1966–78

Crop year	Production	Total stocks ²				
		Dec. 1	Following year			
			Jan. 1	Feb. 1	Mar. 1	Apr. 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1966	228,442	153,550	128,050	103,630	79,632	.....
1967	243,849	161,500	139,170	112,640	86,465	.....
1968	234,832	152,810	130,350	104,995	81,940	.....
1969	252,561	162,800	138,140	111,510	87,620	.....
1970	267,827	175,145	150,030	122,230	96,780	.....
1971 ³	266,707	176,390	151,435	124,375	98,485	.....
1972	249,320	158,565	134,420	107,310	83,380	58,250
1973	254,379	157,837	133,665	106,615	81,165	55,870
1974	289,342	187,935	163,095	133,425	104,116	75,905
1975	278,391	185,965	159,140	131,685	104,050	71,640
1976	307,427	201,980	174,775	143,925	114,140	81,875
1977	307,064	206,690	178,205	149,690	120,970	89,215
1978 ⁴	318,702	218,685	190,480	159,141	128,524	95,263

¹ Nevada production included beginning with the 1974 crop; Nevada stocks not included to avoid disclosures.² See table 261 for States included.³ Beginning 1971, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 261.—Fall potatoes: Total stocks held by growers and local dealers, 24 States, crop of 1977 and 1978¹

State	Crop of 1977					Crop of 1978 ²				
	Dec. 1, 1977	Jan. 1, 1978	Feb. 1, 1978	Mar. 1, 1978	Apr. 1, 1978	Dec. 1, 1978	Jan. 1, 1979	Feb. 1, 1979	Mar. 1, 1979	Apr. 1, 1979
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif	4,000	3,200	2,400	1,700	1,200	4,100	3,400	2,470	1,880	1,410
Colo	6,750	5,650	4,450	3,400	2,300	6,700	5,550	4,150	3,050	1,800
Conn	265	175	100	(³)	(³)	300	(³)	(³)	(³)	(³)
Idaho	68,000	61,000	53,500	46,500	37,500	75,000	67,500	59,500	50,000	41,000
Ind	250	150	95	75	60	225	185	130	55	(³)
Maine	22,900	20,200	17,400	14,400	10,500	19,900	17,500	14,900	12,300	9,000
Mass	355	265	160	105	(³)	440	380	235	145	(³)
Mich	5,500	4,400	3,600	2,400	1,500	5,800	4,800	3,800	3,000	2,100
Minn	10,100	8,600	7,400	5,700	3,600	12,000	10,700	9,400	7,600	4,800
Nebr	1,850	1,820	1,800	1,770	1,400	1,900	1,870	1,830	1,750	1,100
N.H. ⁴	1,050	830	680	550	280	1,250	1,100	950	750	500
N.Y. ⁵	55	50	30	(³)	(³)	.....	.....	.....	.....	.....
Long Island	3,200	2,200	1,400	800	300	3,000	2,250	1,200	600	200
Upstate	3,000	2,200	1,700	1,200	650	3,300	2,400	1,800	1,200	700
N.Dak	10,000	13,800	11,200	8,800	6,100	17,000	14,700	12,200	9,900	6,100
Ohio	1,150	800	550	330	150	950	700	470	260	120
Oreg	15,700	14,100	12,500	10,800	8,400	17,700	15,400	12,500	9,900	7,700
Pa	4,650	3,500	2,550	1,600	1,000	4,550	3,450	2,900	2,150	1,450
R.I.	210	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
S. Dak	900	705	375	305	155	870	650	350	180	150
Utah	980	720	450	285	140	780	660	520	280	150
Vt	165	130	100	(³)	(³)	120	(³)	(³)	(³)	(³)
Wash	28,400	24,700	20,800	15,900	11,300	32,000	28,800	24,000	19,300	14,500
Wis	10,200	8,300	6,000	4,000	2,500	10,000	7,700	5,500	4,000	2,300
Wyo	1,060	710	450	220	80	800	540	250	190	75
Other States	.....	.....	.....	130	100	.....	245	86	34	108
24 State Total	206,690	178,205	149,690	120,970	89,215	218,685	190,480	159,141	128,524	95,263

¹ Nevada not included to avoid disclosure.² Preliminary.³ Stocks included in "Other States" total.⁴ Estimates discontinued after 1977 crop.⁵ Rhode Island stocks included in Connecticut.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 262.—Potatoes: Area, yield, and production in specified countries, 1976–78¹

Continent and country	Area			Yield per hectare			Production		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada	106	112	111	22.1	22.2	22.0	2,340	2,488	2,443
Mexico	56	52	58	12.3	12.6	14.4	687	653	837
United States	556	550	554	29.2	29.2	29.5	16,210	16,083	16,346
Total	718	714	723	26.8	26.9	27.1	19,237	19,224	19,626
Europe:									
Belgium-Luxembourg	47	50	47	18.7	33.4	34.1	879	1,672	1,604
Denmark	35	38	37	16.5	25.1	24.3	576	954	900
France ³	279	298	277	15.6	26.5	27.0	4,362	7,901	7,470
Germany, Fed. Rep. of	415	400	356	23.6	28.4	29.5	9,808	11,368	10,510
Ireland	47	53	43	25.1	26.4	25.6	1,178	1,400	1,100
Italy	173	185	173	17.0	17.0	16.1	2,937	3,146	2,790
Netherlands	161	170	162	29.7	33.8	38.5	4,783	5,752	6,231
United Kingdom	221	232	212	21.7	28.5	34.2	4,800	6,622	7,250
Total EC	1,378	1,426	1,307	21.3	27.2	29.0	29,323	38,815	37,855
Austria	73	60	57	23.9	22.5	24.6	1,746	1,352	1,401
Cyprus	8	9	7	21.0	23.4	23.7	168	211	166
Finland	53	46	44	17.9	16.0	17.0	948	736	746
Greece	57	60	62	16.4	15.3	15.1	933	920	939
Norway	28	28	25	18.6	23.2	26.0	521	651	650
Portugal	116	125	108	7.9	9.6	10.0	918	1,201	1,080
Spain	373	379	361	15.1	14.7	14.7	5,633	5,555	5,311
Sweden	46	44	46	23.0	29.1	30.8	1,058	1,279	1,416
Switzerland	24	23	23	36.4	34.8	43.0	874	800	989
Total Western Europe	778	774	733	16.5	16.4	17.3	12,799	12,705	12,698
Bulgaria	29	34	34	12.1	11.3	11.5	351	383	390
Czechoslovakia	240	237	210	17.6	16.0	17.4	4,214	3,785	3,650
German Dem. Rep.	599	587	560	11.4	17.6	18.0	6,816	10,313	10,100
Hungary	90	99	100	12.1	13.5	16.4	1,087	1,335	1,640
Poland	2,466	2,437	2,360	20.3	16.9	19.0	49,951	41,148	44,871
Romania	248	275	251	19.3	15.3	15.9	4,788	4,207	4,000
Yugoslavia	308	315	290	9.2	9.6	8.3	2,828	3,034	2,400
Total Eastern Europe	3,980	3,984	3,805	17.6	16.1	17.6	70,035	64,205	67,051
Total Europe	6,136	6,184	5,845	18.3	18.7	20.1	112,157	115,725	117,604
Soviet Union	7,087	7,067	7,042	12.0	11.8	12.2	85,102	83,652	85,900
South America:									
Argentina	110	111	115	13.9	15.9	13.9	1,528	1,769	1,593
Bolivia	128	126	130	6.4	5.4	6.1	824	678	793
Brazil	189	197	199	9.6	9.6	9.7	1,816	1,891	1,930
Chile	68	86	91	7.7	10.8	10.8	521	928	981
Colombia	121	130	142	11.6	12.4	14.1	1,400	1,609	2,000
Ecuador	50	45	45	12.6	12.0	12.1	630	542	545
Peru	270	250	255	6.5	6.4	6.5	1,750	1,600	1,650
Uruguay	26	23	19	6.4	5.2	5.4	166	120	102
Venezuela	14	16	15	9.6	12.2	13.6	135	195	204
Total	976	984	1,011	9.0	9.5	9.7	8,770	9,332	9,798
North Africa:									
Algeria	57	70	70	7.0	7.1	7.1	400	500	500
Egypt	54	64	59	16.5	15.8	16.1	893	1,010	950
Morocco	20	28	28	11.7	16.0	13.8	234	449	385
Total	131	162	157	11.7	12.1	11.7	1,527	1,959	1,835
Asia:									
India	622	664	675	11.7	12.3	13.3	7,306	8,153	9,000
Israel	34	7	6	5.1	31.6	35.0	175	221	210
Japan	138	131	125	27.1	26.9	26.4	3,742	3,520	3,305
Total	794	802	806	14.1	14.8	15.5	11,223	11,894	12,515
Oceania:									
Australia	34	34	34	20.5	21.4	21.6	696	728	734
Grand total	15,876	15,947	15,618	15.0	15.2	15.9	238,712	242,514	248,012

Table 263.—Potatoes: Production, seed used, and disposition, United States, 1969–77

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1969	312,578	24,492	9,959	22,657	279,962
1970	325,716	24,555	9,957	23,850	291,909
1971	319,329	22,290	8,927	27,909	282,493
1972	296,359	23,556	7,913	19,996	268,450
1973	300,013	25,257	6,516	18,376	275,121
1974	342,395	23,855	6,522	32,496	303,377
1975	322,254	25,643	6,612	22,181	293,461
1976	357,674	25,528	6,797	26,212	324,665
1977 ¹	354,576	25,746	6,744	31,018	316,814

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 264.—Potatoes: Utilization, United States, crop years 1971–77

Item	1971	1972	1973	1974	1975	1976	1977 ¹
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
SALES							
Table stock	120,251	111,717	107,550	125,624	114,358	123,204	116,180
For processing:							
Chips and shoestring	35,376	34,578	34,485	32,777	34,107	34,503	36,933
Dehydration	27,021	27,450	31,407	34,660	33,821	40,354	32,783
Frozen french fries	54,667	56,126	60,349	69,206	70,641	79,654	79,470
Other frozen products	8,884	7,901	9,564	9,218	9,334	12,872	14,597
Canned potatoes	2,556	2,118	2,664	2,561	1,946	1,914	3,101
Other canned products (hash, stews, soups)	2,014	2,183	2,544	2,052	2,075	2,557	3,139
Starch and flour	7,792	3,363	2,731	3,683	2,182	2,813	2,355
Total	138,310	133,719	143,744	154,157	154,106	174,667	172,378
Other sales:							
Livestock feed	7,184	5,025	3,707	4,154	4,300	6,324	7,394
Seed	16,748	17,989	20,120	19,442	20,697	20,470	20,862
Total	23,932	23,014	23,827	23,596	24,997	26,794	28,256
Total sales	282,493	268,450	275,121	303,377	293,461	324,665	316,814
NON-SALES							
Seed used on farms where grown	5,542	5,567	5,137	4,413	4,946	5,058	4,884
Household use	1,335	1,252	925	864	829	797	781
Feed	2,050	1,094	454	1,245	837	942	1,079
Shrinkage and loss	27,909	19,996	18,376	32,496	22,181	26,212	31,018
Total non-sales	36,836	27,909	24,892	39,018	28,793	33,009	37,762
Total production	319,329	296,359	300,013	342,395	322,254	357,674	354,576

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 259

¹ Preliminary.² Estimates discontinued after 1977 crop³ Season average price for all areas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 262

¹ Years shown refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.² Preliminary.³ Excluding home gardens.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 265.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1977

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
Winter:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif	1,058	51	.....	53	1,005
Fla	1,602	278	.....	10	1,592
Total	2,660	329	.....	63	2,597
Spring:					
Ala	1,260	165	1	19	1,240
Ariz	1,755	90	4	35	1,716
Calif	11,858	493	1	237	11,620
Fla.: Hastings	4,290	410	1	17	4,272
Other	315	38	1	2	312
La	173	21	6	9	158
Miss	117	13	25	2	90
N.C	2,211	177	61	66	2,084
Tex	891	80	27	13	851
Total	22,870	1,487	127	400	22,343
Summer:					
Ala	750	108	15	30	705
Calif	3,024	146	15	60	2,949
Colo	1,802	127	12	135	1,655
Del	1,113	81	3	45	1,065
Ill	460	30	12	12	436
Ind	368	36	9	15	344
Iowa	473	25	20	24	429
Md	240	21	6	6	228
Mich	1,443	164	78	144	1,221
Minn	2,063	114	7	45	2,011
Nebr	315	24	15	24	276
N.J	2,147	153	8	75	2,064
N. Mex	551	59	7	33	511
N.C	500	46	84	18	398
Ohio	342	30	5	15	322
Tenn	405	48	39	15	351
Tex	2,369	148	4	83	2,282
Va	3,463	356	113	121	3,229
W. Va	154	22	109	7	38
Total	21,982	1,738	561	907	20,514
Fall: ¹					
Calif	5,950	346	60	595	5,295
Colo	9,490	760	496	759	8,235
Conn	466	42	5	16	445
Idaho	88,200	7,215	1,473	7,700	79,027
Ind	1,128	88	9	87	1,032
Maine	28,320	2,760	1,306	3,908	23,106
Mass	888	65	12	74	802
Mich	8,800	651	229	1,188	7,383
Minn	12,960	1,059	324	1,205	11,431
Mont	2,016	158	164	181	1,671
Nebr	1,440	110	143	200	1,097
Nev	4,760	340	.....	571	4,189
N.H	71	5	4	3	64
N.Y.: Long Island	7,182	482	11	503	6,668
Upstate	5,356	598	217	803	4,336
N. Dak	21,600	1,885	648	2,916	18,036
Ohio	2,744	200	9	466	2,269
Oreg.: Malheur County	3,550	191	4	202	3,344
Other counties	22,000	1,141	55	1,672	20,273
Pa	6,375	500	191	606	5,578
R.I	943	71	5	108	830
S.Dak	1,062	83	15	80	967
Utah	1,416	94	24	160	1,232
Vt	235	14	9	21	205
Wash	50,600	2,153	298	3,500	46,802
Wis	18,038	1,032	297	1,623	16,118
Wyo	1,474	149	48	501	925
Total	307,064	22,192	6,056	29,648	271,360
U.S	354,576	25,746	6,744	31,018	316,814

¹ Preliminary.

Table 266.—Potatoes, white: United States exports by country of destination and imports by country of origin, 1975-77

Item and country	Year beginning October			Item and country	Year beginning October		
	1975	1976	1977		1975	1976	1977
EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	EXPORTS—continued	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean—continued			
Belgium and Luxembourg	27,496	26,459	...	Leeward and Windward Islands	199	457	326
Cyprus	924	...	...	Netherlands Antilles	741	1,984	556
France	2,323	141,921	...	Trinidad and Tobago	5,562	5,033	48
Germany, Fed. Rep. of	19,316	4,019	97	Other countries . . . . .	...	3	...
Italy	11,413	10,569	...	Total	11,777	14,755	3,877
Malta-Gozo . . . . .	...	600	...	Other countries:			
Netherlands	33,965	27,064	...	Algeria . . . . .	...	22,124	17,267
Norway	7,841	...	...	Australia	52	...	...
Portugal	39,122	4,696	...	Canada	242,463	193,334	122,748
Sweden	45,387	1,444	156	Egypt . . . . .	...	3,207	...
United Kingdom	749	401	...	French Pacific Islands	66	112	42
Other countries . . . . .	...	79	7	Guinea	98	101	24
Total	188,536	217,252	260	Hong Kong	801	589	156
Latin America:				Japan	1	...	22
Chile	21,800	...	...	Other Pacific Islands	98	...	...
Mexico	10,687	11,018	11,590	Saudi Arabia	166	76	52
Nicaragua	91	91	...	Singapore	293	571	29
Panama	1,626	151	88	Tunisia . . . . .	...	1,070	...
Surinam	280	306	5	Other countries	303	505	381
Uruguay . . . . .	...	2,458	...	Total	244,341	221,689	140,721
Other countries	37	28	24	Grand total	479,175	467,748	156,565
Total	34,521	14,052	11,707	IMPORTS			
Bermuda and Caribbean:				Certified seed:			
Bahamas	2,394	2,364	2,091	Canada	18,675	11,682	30,238
Barbados	1,237	1,546	110	Other potatoes:			
Bermuda	439	647	392	Canada	9,867	24,941	41,038
Cayman Islands	103	226	183				
Dominican Republic	611	1,498	...				
French West Indies	374	977	88				
Jamaica	117	20	83				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 267.—Potatoes: Foreign trade, United States, 1964-77

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1964	3,482	1,617	1969	1,846	2,971	1974	1,453	4,545
1965	1,129	2,855	1970	1,230	2,928	1975	691	9,317
1966	2,743	2,247	1971	1,098	3,241	1976	806	11,617
1967	1,283	3,592	1972	759	4,430	1977	714	3,630
1968	2,636	2,569	1973	1,874	4,975			

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 268.—Spinach, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–1978

Utilization, season, and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
FOR FRESH MARKET ²									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif	650	800	800	cwt. 107	cwt. 132	cwt. 116	per cwt. 13.00	per cwt. 14.20	per cwt. 21.00
Tex	1,800	2,200	2,700	119	128	189	21.10	21.70	16.80
Total	2,450	3,000	3,500	226	260	305	17.30	17.90	18.40
Spring:									
Calif	650	700	800	94	112	120	11.70	10.90	24.10
Md. and Va	1,720	1,880	1,730	61	73	61	17.20	20.00	27.90
N.J	590	560	540	41	41	39	15.40	17.70	41.10
Total	2,960	3,140	3,070	196	226	220	14.20	15.10	28.20
Summer:									
Calif	400	600	650	58	87	101	17.60	15.90	17.70
Colo	860	860	850	69	60	63	22.60	22.60	28.80
Total	1,260	1,460	1,500	127	147	164	20.30	18.60	22.00
Fall:									
Calif	450	700	900	68	105	135	19.20	12.80	14.40
N.J	340	420	410	27	27	35	24.60	30.20	19.90
Tex	1,500	1,200	1,100	41	47	39	24.20	16.80	22.00
Total	2,290	2,320	2,410	136	179	209	21.80	16.50	16.70
U.S	8,960	9,920	10,480	685	812	898	17.80	16.90	21.10
FOR PROCESSING									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif	9,700	9,000	8,000	95,650	91,900	71,050	per ton 56.90	per ton 63.90	per ton 75.40
Other States ³	6,300	4,000	4,900	31,900	20,450	23,500	82.60	78.00	85.00
Total	16,000	13,000	12,900	127,550	112,350	94,550	63.30	66.50	77.80
Spring:									
Ark	1,300	2,100	1,400	6,700	9,800	8,400	80.30	80.70	80.40
Okla	1,700	1,800	1,700	6,950	8,100	9,200	80.00	80.00	80.30
Other States ⁴	1,440	2,260	1,360	11,850	14,550	7,650	66.40	69.60	79.70
Total	4,440	6,160	4,460	25,500	32,450	25,250	73.80	75.60	80.20
Fall:									
Ark	350	240	400	1,650	1,100	1,450	90.00	90.00	81.40
Okla	300	180	440	1,400	750	1,750	90.00	90.70	80.00
Other States ⁵	1,080	1,030	1,780	5,000	7,050	12,050	67.60	72.80	82.30
Total	1,730	1,450	2,620	8,050	8,900	15,250	76.10	76.40	82.00
U.S	22,170	20,610	19,980	161,100	153,700	135,050	65.60	69.00	78.70
Grand total	31,130	30,530	30,460	195,350	194,300	179,950	117.00	125.00	164.00

¹ Preliminary.² Includes small quantities used for processing except in States for which processing estimates are made separately.³ Florida and Texas.⁴ 1976—Idaho, Maryland, New York, Oregon, Tennessee, Virginia, Washington, and Wisconsin; 1977—Idaho, Maryland, New York, Tennessee, Virginia, Washington, and Wisconsin; 1978—Maryland, New York, Tennessee, Virginia, Washington, and Wisconsin.⁵ 1976–77—California, Tennessee, Virginia, and Washington; 1978—California, Maryland, Tennessee, Virginia, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 271

¹ Average during the year.² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 269.—Spinach, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	For fresh market ¹					For processing				
	Area for harvest	Yield per acre	Production ²	Value ³		Area harvested	Yield per acre	Production ²	Value ⁴	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	18,110	58	1,057	7.42	7,845	25,290	5.81	146,860	38.30	5,630
1965	16,950	58	989	8.01	7,917	21,400	5.82	124,600	39.90	4,972
1966	16,500	52	863	9.12	7,870	24,820	5.88	145,870	41.40	6,035
1967	15,900	55	882	9.81	8,651	26,990	5.80	156,590	40.50	6,337
1968	13,350	59	786	10.40	8,217	25,240	6.08	153,430	41.50	6,375
1969	11,360	53	606	10.90	6,563	22,990	5.90	135,750	42.50	5,773
1970	11,700	52	611	11.40	6,946	25,100	6.02	151,050	42.60	6,439
1971	11,430	55	633	13.60	8,611	25,440	6.29	160,050	43.30	6,930
1972	10,080	59	594	14.80	8,759	26,760	6.13	164,150	44.90	7,363
1973	10,680	59	628	14.50	9,072	26,940	6.33	170,450	49.90	8,507
1974	9,660	63	607	15.00	9,076	25,050	6.96	174,300	56.80	9,897
1975	8,990	70	629	16.40	10,305	23,340	6.82	159,250	64.60	10,285
1976	8,960	76	685	17.80	12,224	22,170	7.27	161,100	65.60	10,569
1977	9,920	82	812	16.90	13,746	20,610	7.46	153,700	69.00	10,600
1978 ⁵	10,480	86	898	21.10	18,910	19,980	6.76	135,050	78.70	10,629

¹ Includes small quantities used for processing except in the States for which processing estimates are made.
² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 600 tons for processing in 1965, 10 in 1974. ³ Price and value on f.o.b. basis. ⁴ Price and value at processing plant door. ⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 270.—Sweetpotatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1964–78

Year	Area harvested	Yield per acre	Production	Price ¹	Value of production	Year	Area harvested	Yield per acre	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	151.2	86	12,969	5.09	65,980	1972 ...	113.3	107	12,170	5.73	69,969
1965	168.1	92	15,469	4.22	65,472	1973 ...	111.6	109	12,156	7.32	89,163
1966	154.4	89	13,669	4.56	62,554	1974 ...	118.1	113	13,339	7.34	98,228
1967	139.5	97	13,486	4.48	60,412	1975 ...	116.9	113	13,225	8.58	113,394
1968	135.2	99	13,378	4.89	65,562	1976 ...	117.8	114	13,432	7.48	100,059
1969	136.4	103	14,070	4.18	59,346	1977 ...	112.4	110	12,395	10.50	129,592
1970	127.3	103	13,164	4.38	57,760	1978 ² ...	119.4	116	13,862	10.10	140,710
1971	112.6	102	11,494	5.22	60,127						

¹ Obtained by weighting State prices by quantity sold. ² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 271.—Taro: Area, yield, production, price, and value, Hawaii, 1964–78

Year	Area harvested ¹	Yield per harvested acre	Production	Price per pound	Value of production	Year	Area harvested ¹	Yield per harvested acre	Production	Price per pound	Value of production
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	470	19.7	9,275	0.061	564	1972 ...	460	19.6	9,020	0.084	758
1965	440	21.5	9,480	.060	573	1973 ...	460	18.4	8,478	.094	798
1966	400	22.5	8,990	.062	561	1974 ...	460	19.2	8,835	.102	900
1967	400	20.4	8,155	.071	579	1975 ...	465	16.3	7,592	.112	851
1968	420	21.8	9,140	.074	676	1976 ...	460	16.0	7,350	.121	889
1969	420	20.5	8,605	.078	671	1977 ...	470	16.7	7,870	.127	999
1970	470	18.2	8,555	.086	736	1978 ² ..	450	17.1	7,680	.134	1,029
1971	480	18.4	8,840	.089	787						

See footnotes on page 188.

Table 272.—Sweetpotatoes: Area, production, and season average price per hundred-weight received by farmers, by States, 1976–78

State	Area harvested			Production			Price for crop of—		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	5.5	5.3	5.5	495	451	550	11.50	12.90	15.50
Ark	1.5	1.6	1.6	117	122	126	9.60	9.35	10.80
Calif	7.6	7.8	8.5	1,178	1,170	1,360	12.10	16.90	13.00
Ga	5.9	5.5	6.0	708	495	660	10.40	14.10	14.60
La	29.0	27.0	28.0	2,755	2,430	2,660	4.48	7.27	7.20
Md	1.6	1.6	1.4	248	248	224	8.34	10.60	8.50
Miss	9.0	8.0	9.0	810	680	792	10.90	9.20	10.40
N.J	2.3	2.4	2.6	265	252	286	10.90	14.60	14.60
N.C	33.0	33.0	37.0	4,290	4,455	5,180	5.40	9.20	9.00
S.C	2.5	2.3	2.4	215	209	252	11.20	12.10	12.10
Tenn	2.9	2.8	2.8	305	280	280	8.65	9.70	9.75
Tex	10.5	9.5	8.5	1,103	903	638	10.20	14.80	15.00
Va	6.5	5.6	6.1	943	700	854	6.40	8.65	9.45
U.S	117.8	112.4	119.4	13,432	12,395	13,862	7.49	10.50	10.10

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 273.—Sweetpotatoes: Production, seed used, and disposition, United States, 1969–77

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1969	14,070	771	1,642	821	11,607
1970	13,164	685	1,520	701	10,943
1971	11,494	680	1,309	562	9,623
1972	12,170	707	1,223	546	10,401
1973	12,156	805	1,323	648	10,185
1974	13,339	808	1,298	696	11,345
1975	13,225	726	1,317	662	11,246
1976	13,432	706	1,327	984	11,121
1977	12,395	790	1,311	577	10,507

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 274.—Sweetpotatoes: Production, seed used, and disposition, by States, crop of 1977

State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ala	451	22	62	52	337
Ark	122	12	28	7	87
Calif	1170	43	42	59	1,069
Ga	495	16	50	37	408
La	2,430	224	222	68	2,140
Md	248	8	10	10	228
Miss	680	52	89	39	552
N.J	252	14	11	20	221
N.C	4,455	239	581	169	3,705
S.C	209	9	28	11	170
Tenn	280	16	50	20	210
Tex	903	85	83	45	775
Va	700	50	55	40	605
U.S	12,395	790	1,311	577	10,507

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 275.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964–78

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production ¹	Value ²		Area harvested	Yield per acre	Production ¹	Value ³	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	155,270	132	20,527	8.85	181,677	273,350	16.77	4,583,310	30.70	140,810
1965	152,180	134	20,420	9.45	192,990	257,520	17.13	4,411,340	37.20	163,936
1966	150,650	135	20,326	9.39	190,840	299,830	15.55	4,662,270	35.70	166,402
1967	148,450	138	20,555	9.51	195,553	327,060	15.87	5,189,550	42.80	222,061
1968	143,110	136	19,446	11.60	224,921	370,550	18.80	6,967,600	40.20	280,429
1969	147,580	130	19,249	11.60	222,983	266,590	18.39	4,901,650	34.70	170,270
1970	147,100	124	18,234	11.20	204,609	245,090	20.64	5,058,950	34.00	171,857
1971	136,360	131	17,827	13.90	247,511	258,130	21.37	5,515,550	35.50	195,738
1972	145,170	137	19,925	14.80	295,582	265,020	21.90	5,803,700	35.20	204,366
1973	138,990	141	19,556	16.00	312,217	295,100	20.11	5,934,550	42.00	249,085
1974	124,160	162	20,081	17.30	347,415	337,700	20.79	7,019,850	64.50	453,022
1975	124,330	168	20,945	18.60	390,353	384,250	22.13	8,503,750	63.20	537,438
1976	127,820	170	21,730	19.20	418,163	308,960	20.95	6,471,750	58.00	375,407
1977	124,320	159	19,779	20.70	408,451	346,660	22.44	7,779,150	64.10	498,372
1978 ⁴	129,250	172	22,187	19.80	438,735	295,560	21.54	6,367,700	64.20	408,950

¹For fresh market, excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1 in 1964, 56 in 1965, 406 in 1966, 1 in 1967, 100 in 1970, 19 in 1973, and 44 in 1977. For processing, excludes 90,600 tons not marketed in 1965 and 200,000 tons in 1976. In 1968, includes some quantities not delivered because of economic conditions.

²Price and value on f.o.b. basis.

³Price and value at processing plant door.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 276.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976–78

Utilization, season, and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
FOR FRESH MARKET									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fla	13,100	7,300	12,800	cwt. 2,817	cwt. 1,059	cwt. 2,240	per cwt. 21.40	per cwt. 25.70	per cwt. 18.00
Total	13,100	7,300	12,800	2,817	1,059	2,240	21.40	25.70	18.00
Spring:									
Ala	2,500	2,200	2,100	175	132	126	32.40	26.00	43.40
Ark	1,800	3,400	2,700	180	306	216	35.00	17.50	32.70
Calif.:									
Desert	1,900	2,300	2,000	418	403	470	22.00	16.10	27.70
Other	1,600	1,900	1,900	288	285	380	32.20	22.60	39.90
Fla	15,500	16,400	16,700	3,643	3,526	3,925	15.20	19.10	22.90
La	700	670	520	60	70	47	22.20	17.40	28.70
S.C. ²	5,800	7,000	6,000	638	700	690	17.00	12.00	15.60
Tex	3,500	2,600	2,700	266	200	135	18.50	21.80	19.50
Total	33,300	36,470	34,620	5,668	5,622	5,989	18.20	18.30	24.30
Summer:									
Ala	5,500	5,000	5,000	413	350	300	21.60	29.30	34.60
Ark	1,900	400	400	257	36	50	19.00	22.90	21.00
Calif.:									
Other	15,500	14,700	15,600	3,875	4,043	4,368	18.10	21.60	16.60
Ga	2,900	3,100	2,300	218	186	166	21.20	17.20	20.30
Ind	1,900	1,600	1,900	247	216	238	14.50	15.30	18.00
Ky. ³	700	450	58	58	52	17.90	20.10	10.40	21.80
Md	2,300	2,300	2,400	216	212	204	12.40	13.20	10.40
Mass	620	660	670	121	125	141	21.40	20.40	21.80
Mich	4,300	4,100	3,900	409	390	371	15.50	22.90	18.70
N.J	6,800	6,500	6,600	578	553	528	15.60	22.70	19.60
N.Y	2,700	3,000	3,000	311	279	330	18.70	21.20	20.20
N.C	2,000	2,000	2,000	290	280	270	13.50	17.00	14.60
Ohio	1,200	900	800	168	95	112	15.10	25.00	23.90
Pa	2,300	2,300	2,100	276	299	294	10.60	10.50	20.70
S.C	1,800	1,300	1,200	189	105	118	15.00	14.70	14.70
Tenn	2,100	2,600	2,900	305	312	319	13.10	26.60	26.30
Tex	3,100	3,600	3,000	164	281	270	18.00	17.60	17.70
Va	2,400	2,400	2,500	312	312	350	16.40	14.40	14.10
Total	60,020	56,910	56,270	8,407	8,126	8,429	17.10	20.70	18.20
Fall:									
Ala	500	300	500	33	21	30	32.80	28.10	15.70
Calif.:									
Other	10,400	10,700	11,300	2,080	2,461	2,430	23.70	22.70	17.90
Fla	10,300	12,000	12,800	2,678	2,400	2,944	22.20	21.20	18.00
Tex	0	400	700		30	56	25.00	25.00	16.50
Total	21,200	23,400	25,300	4,791	4,912	5,460	22.90	22.00	17.90
All groups	127,620	124,080	128,990	21,683	19,719	22,118	19.20	20.60	19.80
Hawaii	200	240	260	47	60	69	26.40	30.80	27.60
U.S	127,820	124,320	129,250	21,730	19,779	22,187	19.20	20.70	19.80

See footnotes at end of table.

Table 276.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78—Continued

Utilization, season, and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
FOR PROCESSING	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif. ²	233,800	276,400	231,900	5,066,450	6,669,550	5,289,650	56.20	63.90	63.70
Colo	650	640	760	10,950	7,000	11,600	58.20	63.70	63.00
Ind	12,700	12,500	9,500	234,050	173,100	200,050	65.50	66.70	68.50
Md	4,300	4,000	3,900	49,000	45,950	43,950	64.50	64.30	66.80
Mich	4,000	4,100	4,500	74,500	63,500	81,200	65.20	65.80	67.30
N.J	9,300	8,000	7,200	176,250	121,200	92,850	65.00	63.00	65.00
N. Mex	900	900	600	9,000	9,900	4,800	75.00	75.00	75.00
Ohio	22,300	21,200	19,700	520,250	422,750	398,350	66.00	66.00	67.80
Pa	6,200	5,800	3,900	126,500	114,250	76,100	61.00	62.00	64.00
Tex	4,000	2,000	2500	44,850	20,400	21,550	65.10	64.60	68.30
Va	3,500	3,600	3,800	44,350	29,050	40,000	60.80	70.60	67.40
Other States ⁴	7,310	7,520	7,300	115,600	102,500	107,600	59.60	61.70	62.50
U.S.	308,960	346,660	295,560	6,471,750	7,779,150	6,367,700	58.00	64.10	64.20
Grand total	436,780	470,980	424,810	7,558,250	8,768,100	7,477,050	105.00	103.00	113.00

¹Preliminary.²Excludes the following quantities not harvested or not marketed because of economic conditions: 44,000 cwt. fresh market in 1977 in South Carolina, and 200,000 tons processing in 1976 in California.³Estimates discontinued in 1978.⁴1976—Arkansas, Delaware, Florida, Illinois, Iowa, Kentucky, Louisiana, New York, North Carolina, Utah, and West Virginia; 1977—Delaware, Florida, Illinois, Iowa, Kentucky, Louisiana, New York, North Carolina, Utah, and West Virginia; 1978—Arkansas, Delaware, Florida, Illinois, Iowa, Kentucky, New York, North Carolina, Utah, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 277.—Tomatoes: Foreign trade, United States, 1964-77

Year beginning July	Imports			Domestic exports				
	Fresh	Canned ¹	Paste	Fresh	Canned ²	Catsup and sauces	Paste ²	Juice
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	261,927	82,886	15,417	105,550	18,602	20,144	13,623	30,675
1965	341,124	102,692	38,649	99,550	11,639	17,057	11,524	21,034
1966	382,752	111,550	78,975	96,014	10,741	12,721	8,436	19,201
1967	363,814	158,009	175,010	89,845	6,609	9,591	6,473	17,284
1968	467,129	117,175	128,225	99,530	10,105	10,752	7,946	13,621
1969	630,122	111,656	84,120	92,176	17,835	12,546	17,067	11,747
1970	583,828	143,158	114,663	105,660	18,358	10,290	8,277	14,709
1971	585,240	138,106	107,031	119,802	17,202	12,389	6,755	10,794
1972	739,170	126,287	127,941	147,574	22,701	15,200	10,617	18,316
1973	611,481	72,395	82,714	153,183	25,401	16,538	45,286	11,413
1974	543,734	64,774	25,811	194,183	23,015	19,049	44,535	23,442
1975	629,975	76,531	30,925	199,072	34,293	39,283	24,945	38,094
1976	791,134	74,505	73,957	178,395	24,199	14,967	20,937	48,524
1977	828,748	75,873	56,538	199,556	26,457	16,563	31,636	37,582

¹Includes "otherwise prepared," if any.²Includes exports for military-civilian feeding abroad.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 278.—Watermelons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-78

Year	Area for harvest	Yield per acre	Production ¹	Value ²		Year	Area for harvest	Yield per acre	Production ¹	Value ²	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	280,400	98	27,575	1.70	46,899	1972	267,600	94	25,280	2.50	63,173
1965	286,320	103	29,603	1.60	47,316	1973	240,400	109	26,170	2.95	77,186
1966	275,640	103	28,436	1.87	53,175	1974	212,700	108	23,034	3.81	87,726
1967	273,260	102	27,790	2.10	58,279	1975	210,700	113	23,904	4.00	95,711
1968	283,880	97	27,616	1.88	51,838	1976	234,200	111	25,910	3.25	84,274
1969	272,400	95	25,950	2.05	53,268	1977	227,400	116	26,371	3.39	89,414
1970	266,200	103	27,373	2.21	60,404	1978 ³ ...	218,200	112	24,486	3.84	94,028
1971	252,400	107	27,094	2.51	67,892						

¹Excludes the following quantities not harvested or marketed because of economic conditions (1,000 hundredweight): 51 in 1964, 37 in 1965, 590 in 1966, and 90 in 1968.

²Price and value on f.o.b. basis.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 279.—Watermelons, commercial crop: Area, production, and value per hundred-weight, by States, 1976-78

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
Ala	3,700	3,500	3,500	278	245	224	3.90	3.85	3.80
Ariz	1,300	1,200	1,900	182	180	285	5.40	5.70	8.19
Calif.:									
Desert	3,000	3,500	3,700	660	683	796	6.51	5.30	8.51
Fla	55,000	51,000	50,000	9,900	8,925	8,000	2.61	2.97	3.35
Ga	9,700	14,200	7,500	728	1,207	705	2.70	2.80	3.80
Tex	25,000	28,000	24,000	1,750	2,772	1,800	5.62	4.52	5.24
Total	97,700	101,400	90,600	13,498	14,012	11,810	3.26	3.43	4.14
Summer:									
Ala	11,300	11,000	11,500	848	715	690	3.39	3.35	2.93
Ariz	1,900	2,600	1,900	333	416	285	3.70	4.90	5.51
Ark	4,400	3,600	3,600	286	256	360	3.80	3.70	3.50
Calif.:									
Desert	800	700	500	160	133	83	5.60	5.20	6.30
Other	6,000	5,900	7,200	1,140	915	1,296	4.13	5.23	5.46
Del	1,900	1,900	1,900	304	285	314	3.48	3.59	1.89
Ga	23,100	14,400	21,000	1,686	1,066	1,995	2.64	2.40	2.50
Ind	5,100	5,000	5,500	689	750	798	4.04	5.00	5.34
Md	2,700	2,700	2,700	446	419	446	3.48	3.59	1.89
Miss	11,400	12,000	12,000	912	804	1,140	2.50	2.12	3.21
Mo	3,700	4,200	4,400	348	525	484	2.20	3.00	3.00
N.C.	8,000	7,000	7,400	448	385	422	3.25	3.34	3.17
Okla	8,200	7,000	7,000	820	770	455	2.64	2.60	4.70
S.C.	23,000	18,000	16,000	1,242	1,170	1,408	2.53	2.50	2.35
Tex	25,000	30,000	25,000	2,750	3,750	2,500	3.57	3.26	4.05
Total	136,500	126,000	127,600	12,412	12,359	12,676	3.24	3.35	3.56
U.S.	234,200	227,400	218,200	25,910	26,371	24,486	3.25	3.39	3.84

¹Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 280.—Vegetables and melons: Unloads at 8 markets, by commodities, 1978

Commodity	Boston			New York ²			Philadelphia			Baltimore ³		
	Rail, boat, and air	Motor- truck ¹	Total	Rail, boat, and air	Motor- truck ¹	Total	Rail, boat, and air	Motor- truck ¹	Total	Rail, boat, and air	Motor- truck ¹	Total
Vegetables:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Beans (snap, lima, and fava)	91	91	91	9	237	246	86	86	86	63	63	63
Cabbage	2	520	522	279	691	970	7	476	483	355	355	355
Cantaloups	183	243	426	609	857	1,466	125	357	482	30	298	328
Carrots	301	152	453	493	156	649	107	209	316	30	193	223
Cauliflower	68	68	11	63	74	55	55	55	55	56	56	56
Celery	153	517	670	135	616	751	20	452	472	7	316	323
Cucumbers	4	499	503	13	696	709	2	345	347	218	218	218
Lettuce-romaine	377	1,581	1,958	702	2,291	2,993	290	1,631	1,921	107	1,093	1,200
Mixed vegetables	48	48	85	85	85	85	38	38	38	9	9	9
Onions, dry	160	547	707	333	708	1,041	146	762	908	85	510	595
Peas, green	4	4	27	27	27	3	3	3	3	412	2,280	2,692
Potatoes	753	1,692	2,445	2,355	1,590	3,945	774	1,556	2,330	6	421	427
Watermelons	7	414	421	79	647	726	6	389	395	12	1,352	1,364
Miscellaneous	202	2,474	2,676	840	4,018	4,858	67	2,102	2,169	12	1,352	1,364
Total	2,190	8,802	10,992	5,943	12,597	18,540	1,582	8,423	10,005	698	7,155	7,853

Commodity	Atlanta			Chicago			Los Angeles			San Francisco ⁴		
	Rail, boat, and air	Motor- truck ¹	Total	Rail, boat, and air	Motor- truck ¹	Total	Rail, boat, and air	Motor- truck ¹	Total	Rail, boat, and air	Motor- truck ¹	Total
Vegetables:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Beans (snap, lima, and fava)	105	105	72	72	72	166	166	166	87	87	87	87
Cabbage	390	390	5	452	457	6	788	794	287	287	287	287
Cantaloups	9	204	213	155	422	577	8	1,381	1,389	460	460	460
Carrots	5	112	117	65	207	272	963	963	223	223	223	223
Cauliflower	14	14	6	58	64	177	177	177	63	63	63	63
Celery	1	110	111	64	298	362	1,279	1,279	346	346	346	346
Cucumbers	119	119	319	319	319	585	585	585	190	190	190	190
Lettuce-romaine	8	824	832	880	1,286	2,166	3,448	3,448	1,358	1,358	1,358	1,358
Mixed vegetables	60	60	61	61	61	61	61	61	11	11	11	11
Onions, dry	12	672	684	134	516	650	1,620	1,620	752	752	752	752
Peas, green	18	18	18	18	18	18	18	18	11	11	11	11
Potatoes	455	2,287	2,742	2,430	1,401	3,831	7	5,022	5,029	3,970	3,970	3,970
Watermelons	545	545	568	568	568	568	1,220	1,220	346	346	346	346
Miscellaneous	22	1,344	1,366	107	1,961	2,068	62	6,562	6,624	4	2,404	2,408
Total	512	6,726	7,238	3,906	7,561	11,467	83	23,229	23,312	4	10,508	10,512

¹ Estimated percentages of completeness for reported truck unloads for 1978 are as follows: Atlanta, 85; Baltimore, 85-90; New York, Philadelphia, and Chicago, 90; Boston, 90-95; Los Angeles and San Francisco, 95.

² Includes Newark.

³ Includes Washington.

⁴ Includes Oakland.

Agricultural Marketing Service.

FOOTNOTES FOR TABLE 282

¹ Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Bureau of the Census. All data for calendar year, except dry field peas which are on a crop-year basis.

² Less than 0.05 pound.

³ Beginning 1968, included in minor vegetables.

⁴ Preliminary.

⁵ Included less than 0.05 pound of shallots each year from 1964 through 1967. Beginning 1968, included in minor vegetables.

⁶ Beginning 1971, dehydrated onions are excluded from "Onions and shallots" and reported separately.

⁷ Includes table stock and processed potatoes.

Economics, Statistics, and Cooperatives Services-Economics.

Table 281.—Vegetables, fresh: Total reported domestic rail, truck, and air shipments, 1978¹

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Vegetables:													
Asparagus	5	31	184	210	93	30	...	...	...	1	1	...	555
Beans	75	50	86	180	129	27	42	27	23	51	130	120	940
Beets	7	11	17	17	1	...	...	...	...	...	7	4	64
Broccoli	193	207	295	168	232	193	163	156	208	254	262	275	2,606
Cabbage	1,320	1,157	1,493	1,580	1,178	263	135	170	118	271	641	1,092	9,418
Carrots	837	904	1,153	1,198	1,076	719	571	503	566	635	616	690	9,468
Cauliflower	135	99	121	73	130	115	152	130	136	207	221	135	1,654
Celery	1,351	1,120	1,278	1,242	1,182	1,061	796	844	800	1,002	1,461	1,420	13,557
Corn, sweet	160	96	184	376	1,694	1,538	571	483	186	256	257	113	5,914
Cucumbers	66	49	38	310	1,004	635	372	263	130	376	668	332	4,243
Eggplant	41	28	11	25	56	60	30	1	2	45	81	59	439
Escarole-endive	73	64	94	124	87	...	...	...	...	4	51	88	585
Greens	188	248	220	103	33	...	...	...	2	17	42	91	944
Lettuce, iceberg	4,214	5,253	5,185	4,043	6,146	5,463	5,065	5,424	4,974	5,082	4,779	4,245	59,873
Lettuce, romaine	36	31	36	97	53	25	41	31	27	37	46	76	536
Lettuce, other	18	17	22	48	12	9	16	9	6	11	25	39	232
Mixed vegetables	23	39	40	25	24	24	55	38	29	32	27	21	377
Onions, dry	1,537	1,291	1,222	1,514	2,167	1,935	1,900	1,617	1,720	2,015	2,074	1,979	20,971
Onions, green	65	56	89	95	80	71	62	66	66	91	89	85	915
Peas, green . . . . .	...	...	...	8	...	...	...	...	...	...	...	...	8
Pepper, bell	257	158	155	172	446	282	249	185	273	346	384	311	3,218
Pepper, other	2	1	...	...	...	2	13	...	...	...	2	1	21
Potatoes	10,099	9,967	11,894	12,229	13,310	10,022	8,289	8,792	8,760	9,876	9,805	9,717	122,760
Radish	100	115	139	163	158	28	13	11	12	68	137	139	1,083
Spinach	74	96	94	4	...	4	9	19	19	17	41	48	425
Squash	63	39	33	148	150	53	11	7	20	81	131	116	852
Sweetpotatoes	150	186	233	136	95	14	11	117	222	272	584	400	2,420
Tomatoes	1,020	541	393	480	2,082	2,699	1,898	1,473	1,344	1,770	1,657	1,587	16,944
Tomatoes, cherry	1	...	1	1	2	3	...	...	...	...	...	...	8
Turnips-rutabagas	30	40	32	16	5	13	11	...	3	6	11	12	179
Total	22,140	21,894	24,742	24,785	31,625	25,288	20,475	20,366	19,646	22,823	24,230	23,195	281,209
Melons:													
Cantaloups . . . . .	...	...	...	...	691	3,613	3,105	1,888	1,174	723	156	23	11,373
Honeydews	3	...	...	...	127	478	468	758	688	473	221	40	3,256
Mixed and miscellaneous	1	...	...	...	...	1	35	83	86	61	52	25	344
Watermelons	1	...	...	...	1,355	8,113	6,260	1,689	140	45	22	12	17,637
Total	5	...	...	...	2,173	12,205	9,868	4,418	2,088	1,302	451	100	32,610
Miscellaneous:													
Artichokes . . . . .	...	1	3	1	...	...	...	...	...	...	...	...	5
Brussels sprouts	1	...	...	...	...	...	...	...	1	2	...	1	6
Chinese cabbage	20	22	26	30	21	3	...	...	...	1	7	15	145
Miscellaneous herbs . . . . .	...	...	...	...	...	...	...	...	...	1	...	...	1
Miscellaneous Oriental	3	1	2	1	4	2	1	2	1	1	1	1	20
Mushrooms	1	1	1	1	1	...	...	...	...	...	...	...	5
Okra	6	9	9	6	19	19	5	...	2	5	8	6	94
Parsley	8	16	23	18	7	1	...	...	...	1	18	29	121
Peas, other . . . . .	...	...	...	...	1	...	...	...	...	2	12	8	23
Pumpkins . . . . .	...	...	...	...	...	...	...	...	1	112	...	...	113
Vegetables ²	58	61	72	68	56	18	9	6	3	5	25	47	428
Total	97	111	136	125	109	43	15	8	8	130	72	107	961
Grand total	22,242	22,005	24,878	24,910	33,907	37,536	30,353	24,792	21,742	24,255	24,753	23,402	314,780

¹ Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in Agricultural Statistics, 1978, table 275.

² Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail and air carriers, inspection service and shipping points.

Table 282.—Vegetables (fresh), melons, potatoes, sweetpotatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm-weight basis), United States, 1964–78¹

Year	Toma- toes	Leafy, green, and yellow vegetables											Lettuce and escarole	Green peas (un- shelled)
		Arti- chokes	Aspara- gus	Lima beans (un- shelled)	Snap beans	Broc- coli	Brus- sels sprouts	Cab- bage	Car- rots	Kale				
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	
1964 ..	12.2	0.3	0.5	0.3	2.1	0.3	0.1	9.5	6.9	0.1	21.0	0.3		
1965 ..	12.0	.3	.6	.3	2.0	.3	.1	8.9	7.0	.1	21.7	.2		
1966 ..	12.4	.3	.4	.3	1.9	.3	(2)	8.9	6.4	.1	21.6	.2		
1967 ..	12.4	.4	.4	.3	2.0	.3	.1	9.1	6.5	.1	22.1	.1		
1968 ..	11.9	.3	.5	(3)	1.9	.4	(2)	9.3	7.5	(3)	22.5	(3)		
1969 ..	11.9	.3	.4	.....	1.8	.4	(2)	8.9	6.0	.....	22.5	.....	
1970 ..	12.3	.3	.5	.....	1.7	.5	(2)	8.8	5.9	.....	23.1	.....	
1971 ..	11.4	.4	.4	.....	1.6	.7	(2)	9.2	6.1	.....	23.2	.....	
1972 ..	12.2	.3	.5	.....	1.6	.7	(2)	8.8	6.6	.....	23.3	.....	
1973 ..	12.6	.3	.4	.....	1.6	.8	(2)	9.0	6.7	.....	23.9	.....	
1974 ..	12.0	.3	.4	.....	1.5	.8	(2)	9.1	7.0	.....	24.4	.....	
1975 ..	12.1	.3	.4	.....	1.6	1.0	(2)	9.2	6.5	.....	24.5	.....	
1976 ..	12.7	.4	.4	.....	1.6	1.1	(2)	8.8	6.7	.....	24.3	.....	
1977 ..	12.5	.3	.3	.....	1.5	1.3	(2)	8.5	5.4	.....	25.1	.....	
1978 ⁴ ..	13.4	.2	.3	.....	1.4	1.3	(2)	8.9	5.8	.....	26.9	.....	

Year	Leafy, green, and yellow vegetables-Continued				Other vegetables							
	Peppers	Spinach	Minor	Total	Beets	Cauli- flower	Celery	Corn	Cucum- bers	Egg- plant	Garlic	Onions and shallots ⁵
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
1964 ..	2.3	0.6	4.9	49.2	0.5	1.0	6.8	7.8	3.0	0.4	0.4	11.4
1965 ..	2.3	.6	4.6	49.0	.5	1.0	6.7	8.1	3.1	.4	.4	11.4
1966 ..	2.4	.6	4.0	47.4	.4	1.0	6.9	7.4	3.0	.4	.3	11.5
1967 ..	2.6	.6	3.6	48.2	.4	1.0	6.8	8.0	3.1	.4	.4	12.1
1968 ..	2.8	.6	5.5	51.3	(3)	1.0	7.2	7.8	2.9	.4	.5	11.9
1969 ..	2.6	.5	4.4	47.8	.....	.9	7.3	8.0	3.2	.4	.5	12.5
1970 ..	2.4	.5	4.7	48.4	.....	.7	7.2	7.9	3.2	.4	.5	11.9
1971 ..	2.5	.5	4.5	49.1	.....	.7	7.3	7.5	3.1	.4	.3	10.1
1972 ..	2.7	.4	4.6	49.5	.....	.8	7.1	7.9	3.3	.5	.4	9.9
1973 ..	2.8	.5	4.2	50.2	.....	.8	7.6	8.0	3.0	.6	.5	9.2
1974 ..	3.0	.5	4.4	51.4	.....	.8	7.4	7.7	3.4	.5	.7	10.5
1975 ..	3.1	.5	4.3	51.4	.....	.9	7.0	7.9	3.2	.5	.8	9.8
1976 ..	3.3	.6	3.7	50.9	.....	1.0	7.5	8.2	3.7	.7	.5	10.1
1977 ..	3.4	.7	3.8	50.3	.....	1.1	7.2	7.6	4.0	.6	.6	10.1
1978 ⁴ ..	3.5	.5	3.0	51.8	.....	1.1	6.7	7.3	4.2	.6	.8	10.6

Year	Other vegetables- Continued		Total vege- tables	Melons			Total vege- tables and melons	Pota- toes ⁷	Sweet- pota- toes	Dry edible beans	Dry- field peas	Dehy- drated onions ⁶
	Minor	Total		Water- melons	Canta- loup	Total melons						
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
1964 ..	5.9	37.2	98.6	14.8	8.2	23.0	121.6	111	5.5	7.6	0.5	.....
1965 ..	5.7	37.3	98.3	15.7	7.9	23.6	121.9	107	6.2	6.6	.4	.....
1966 ..	5.2	36.1	95.9	14.8	7.3	22.1	118.0	117	6.3	6.3	.4	.....
1967 ..	5.4	37.6	98.2	14.2	8.1	22.3	120.5	108	5.8	6.9	.2	.....
1968 ..	6.3	38.0	101.2	14.4	8.6	23.0	124.2	115	5.7	6.4	.3	.....
1969 ..	6.4	39.2	98.9	13.8	9.1	22.9	121.8	117	5.7	6.9	.3	.....
1970 ..	6.3	38.1	98.8	14.4	8.9	23.3	122.1	118	5.6	5.9	.3	.....
1971 ..	6.1	35.5	96.0	14.1	8.5	22.6	118.6	119	4.9	5.9	.3	2.5
1972 ..	5.7	35.6	97.3	13.2	8.7	21.9	119.2	119	5.1	6.3	.3	2.0
1973 ..	5.7	35.4	98.2	13.8	8.0	21.8	120.0	117	5.1	6.4	.5	2.4
1974 ..	5.6	36.6	100.0	11.9	7.0	18.9	118.9	114	5.5	6.7	.4	2.8
1975 ..	5.4	35.5	99.0	12.2	6.9	19.1	118.1	122	5.5	6.5	.4	3.0
1976 ..	5.1	36.8	100.4	13.5	7.0	20.5	120.9	116	5.4	6.2	.4	2.3
1977 ..	4.7	35.9	98.7	13.5	7.7	21.2	119.9	122	5.0	6.1	.2	2.7
1978 ⁴ ..	3.9	35.2	100.4	12.7	9.2	21.9	122.3	126	5.5	5.9	.4	2.7

See footnotes on page 195.

Table 283.—Vegetables, canned: United States pack of selected items, 1964–78

Season	Asparagus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles ¹	Pimientos
	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>
1964	8,217	2,213	37,359	10,311	4,611	37,551	30,045	47,688	686
1965	7,208	2,981	45,627	10,069	4,753	39,116	37,585	48,073	827
1966	7,896	3,531	40,536	11,584	5,838	45,525	31,856	60,234	675
1967	6,638	3,963	53,173	12,409	7,342	49,268	37,692	67,127	761
1968	6,925	3,818	51,842	14,323	4,726	59,278	36,231	63,220	848
1969	6,817	3,596	47,339	11,562	5,490	49,387	32,071	57,904	876
1970	5,675	2,776	47,572	11,638	4,999	46,995	28,697	65,946	627
1971	5,542	3,116	50,011	10,241	5,710	53,757	33,197	63,072	737
1972	5,860	2,116	47,556	9,448	5,093	52,957	33,081	63,969	650
1973	5,794	3,150	55,002	11,324	6,160	55,227	29,558	67,066	269
1974	5,643	2,523	62,319	14,819	7,193	46,431	33,120	66,864	396
1975	3,551	3,729	55,390	13,394	5,035	57,458	35,172	75,516	613
1976	3,609	2,812	47,421	9,164	5,327	54,694	31,927	70,986	702
1977	3,705	2,657	54,494	11,348	5,973	56,300	30,238	69,871	407
1978 ³	3,382	3,356	57,121	12,834	6,609	57,907	25,269	76,776	.....

Season	Pumpkin and squash	Sauer-kraut ¹	Spinach	Tomatoes	Tomato juice ⁴	Tomato pulp and puree	Total of these items
	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>	<i>1,000 cases²</i>
1964	3,799	8,794	7,641	36,431	43,067	5,929	284,342
1965	3,854	12,901	6,395	36,015	40,047	6,484	301,935
1966	4,553	9,696	6,954	32,662	38,907	7,349	307,796
1967	4,592	14,764	7,409	39,127	42,815	8,775	355,855
1968	4,551	12,520	7,990	48,422	40,169	13,837	368,700
1969	5,244	12,015	6,577	32,036	33,653	7,014	311,568
1970	3,973	14,369	7,270	39,017	36,761	5,947	322,262
1971	4,581	12,687	7,675	38,367	38,411	7,844	334,948
1972	4,064	10,697	8,217	43,301	31,074	9,705	327,788
1973	4,632	11,834	8,944	45,431	33,936	9,895	348,222
1974	4,214	15,198	10,834	43,794	36,133	10,282	359,762
1975	5,805	12,946	8,328	53,465	35,358	13,807	379,567
1976	5,500	12,531	6,304	42,614	32,154	8,377	334,122
1977	2,962	12,677	7,108	54,124	27,844	9,284	349,532
1978 ³	4,641	11,740	6,214	49,241	33,920	8,425	357,435

¹Total crop for processing converted to a canned basis by applying factors (cases of 24 No. 303 cans per ton, farm weight): Cucumbers for pickles, 83 cases for 1954, 112 cases for 1964, and interim years interpolated; cabbage for kraut, 65.9 cases for 1954, 54.0 cases for 1964, and interim years interpolated.

²Equivalent cases of 24 No. 303 cans.

³Preliminary.

⁴Includes combination vegetable juices containing at least 70 percent tomato juice.

Economics, Statistics, and Cooperatives Service—Economics. Compiled mainly from reports of the National Food Processors Association.

FOOTNOTES FOR TABLE 287

¹Data for asparagus, lima beans, sauerkraut, and spinach are either estimates or interpolations.

²Actual cases.

³Canners' stocks of sauerkraut converted to cases by using a factor of 18 cases of 24/303's per barrel (of 45 gallons).

Economics, Statistics, and Cooperatives Service—Economics. Compiled mainly from reports of the National Food Processors Association.

FOOTNOTES FOR TABLE 289

¹Preliminary.

²Included with leafy, green, and yellow vegetables because most items included are considered to be greens.

Economics, Statistics, and Cooperatives Service—Economics.

Table 284. — Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1964–78¹

Year	Leafy, green, and yellow vegetables							Tomato products		
	Asparagus	Lima Beans	Snap beans	Carrots	Peas	Pumpkin and squash	Spinach	Whole tomatoes	Catsup and chili sauce	Paste and sauce
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1964	0.7	0.4	4.8	0.6	4.1	0.6	0.8	4.5	4.6	3.9
1965 .....	.8	.3	4.8	.6	4.1	.5	.8	4.5	5.0	3.9
1966 .....	.7	.2	5.1	.7	4.2	.5	.7	4.6	4.8	4.2
1967 .....	.7	.4	5.1	.7	4.1	.5	.7	4.6	4.7	5.0
1968 .....	.7	.3	5.5	.6	4.2	.6	.8	4.9	29.8	
1969 .....	.7	.4	5.7	.6	4.1	.5	.6	4.9	10.1	
1970 .....	.7	.4	5.8	.6	3.9	.5	.8	4.8	10.1	
1971 .....	.6	.4	5.9	.6	3.8	.5	.7	4.9	9.9	
1972 .....	.6	.3	5.8	.8	3.8	.6	.8	5.1	10.2	
1973 .....	.7	.3	5.9	.6	4.3	.6	.9	5.8	11.3	
1974 .....	.5	.3	5.9	.6	3.5	.6	.9	5.0	12.0	
1975 .....	.5	.3	5.6	.6	3.4	.6	.6	4.9	13.5	
1976 .....	.6	.3	6.0	.5	3.6	.5	.6	5.2	13.3	
1977 .....	.4	.4	5.9	.6	3.9	.4	.6	5.2	13.5	
1978 ³ .....	.4	.3	5.7	.5	3.6	.4	.7	5.1	12.8	

Year	Tomato products		Other vegetables				Sweet-potatoes	Other ⁴	Total
	Pulp and puree	Tomato and vegetable juices	Beets	Corn	Pickles	Sauerkraut			
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1964	0.8	4.5	1.4	5.6	6.2	1.2	1.0	1.5	47.2
1965 .....	.8	4.7	1.4	5.5	6.2	1.4	1.3	2.1	48.7
1966	1.0	4.4	1.4	5.2	6.6	1.4	1.2	2.1	49.0
1967	1.0	4.2	1.4	5.4	7.3	1.4	1.1	2.3	50.6
1968	1.1	4.0	1.3	5.8	7.7	1.6	1.3	2.1	52.3
1969	1.0	4.1	1.5	6.1	7.7	1.4	1.5	2.8	53.7
1970	1.0	4.1	1.5	5.9	7.4	1.5	1.2	2.7	52.9
1971	1.0	3.9	1.4	6.2	7.6	1.6	1.2	4.1	54.3
1972	1.1	3.7	1.5	6.5	7.8	1.4	1.1	4.1	55.2
1973	1.1	3.3	1.3	6.4	8.0	1.4	1.3	4.5	57.7
1974	1.2	3.6	1.3	6.0	7.9	1.5	1.5	4.7	56.9
1975	1.1	3.6	1.3	5.1	7.8	1.3	.9	4.0	55.1
1976	1.1	2.8	1.4	5.7	8.4	1.4	.9	3.4	55.7
1977 .....	.9	3.1	1.4	6.3	8.2	1.4	.8	3.2	56.2
1978 ³	1.0	3.0	1.4	6.0	8.4	1.3	1.0	2.6	54.2

¹ Excludes soups and baby food.² Beginning 1968, classified as "other concentrated products."³ Preliminary.⁴ Includes miscellaneous greens, pimientos, potatoes (and potatoes canned in soups and stews beginning 1971), mixed vegetables, and all items for which no separate data are available.

Economics, Statistics, and Cooperatives Service — Economics.

FOOTNOTES FOR TABLE 290

¹ See table 281 for items included. Excludes melons.² Includes dehydrated onions.³ See tables 283 and 288 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service — Economics.

Table 285.—Vegetables, frozen: Commercial pack, United States, 1969–78

Commodity	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes ¹	23,033	25,925	29,959	33,574	1,584	1,596	2,236	2,262	1,660	363
Asparagus	7,847	11,909	11,741	11,399	16,190	16,190	18,409	23,750	22,474	15,427
Beans, butter	117,800	119,099	127,675	151,064	178,331	127,675	144,309	114,446	7,917	12,609
Beans, green, regular cut	61,953	75,817	74,741	83,955	80,459	60,666	59,000	58,974	82,633	161,085
Beans, green, French cut	5,415	6,176	7,147	6,065	9,462	7,374	6,830	7,000	5,605	95,117
Beans, green, wax	7,618	6,983	10,015	11,300	13,547	13,121	5,987	11,594	15,907	7,478
Beans, green, Italian	5,013	4,287	9,185	8,557	9,062	9,004	5,987	11,594	15,907	16,667
Beans, whole	82,562	73,012	73,898	92,634	98,112	97,163	85,670	43,854	92,154	7,043
Beans, baby lima	60,013	40,382	40,690	52,968	51,577	46,226	50,245	24,973	38,110	81,145
Beans, lima, Fordhook	153,784	185,157	189,600	234,344	213,165	245,285	191,638	201,513	314,395	276,519
Broccoli	40,083	42,663	49,195	55,845	56,836	53,729	54,422	44,845	56,642	71,161
Brussels sprouts	150,945	173,054	143,681	165,879	231,688	248,081	165,869	181,277	263,769	238,415
Carrots	69,744	59,782	67,659	94,070	96,098	93,754	76,056	67,807	96,670	127,513
Cauliflower	3,415	7,210	5,335	11,136	13,421	9,089	7,077	10,286	9,642	17,507
Celery	18,408	19,818	24,571	21,760	20,885	20,366	14,126	17,022	19,269	17,901
Collards	289,268	216,097	226,835	273,776	294,223	286,224	288,067	282,391	265,183	307,079
Corn, cut	73,914	80,889	106,893	133,064	166,830	152,330	183,381	187,582	260,773	303,155
Corn-on-cob	4,762	6,488	6,611	5,647	4,425	5,029	5,071	4,597	6,515	5,403
Kale	10,351	15,597	13,011	12,643	14,593	11,539	10,238	10,396	13,857	8,948
Mushrooms ²	38,250	44,168	32,234	27,924	40,597	42,992	27,970	27,489	41,551	10,595
Mustard greens	37,881	52,205	75,882	110,672	114,679	111,228	121,101	148,963	152,718	46,295
Onions	20,647	30,084	33,027	38,004	41,974	30,881	21,445	31,368	36,054	154,080
Peas, blackeye	367,323	344,520	348,418	340,075	387,749	416,682	400,587	340,366	333,954	357,717
Peas, green	2,048,408	2,404,389	2,565,118	10,802	8,220	15,381	9,601	8,447	14,316	11,993
Peppers, green and red ³	26,091	27,241	28,470	29,708	26,917	2,984,881	3,000,983	3,335,051	3,622,823	3,848,810
Potato products	7,599	7,950	11,033	12,177	12,855	7,102	29,802	22,177	25,168	25,058
Pumpkin and cooked squash	107,182	145,694	156,991	160,050	159,504	177,892	129,399	160,247	8,231	8,556
Rhubarb	17,318	18,953	26,882	28,494	26,343	31,330	27,906	35,377	167,766	147,389
Squash	12,854	10,913	7,391	6,973	7,504	5,828	11,378	35,377	41,598	43,826
Sweetpotatoes and yams	19,873	18,943	20,223	19,365	18,630	11,120	15,545	14,457	11,091	15,483
Turnip greens	10,520	23,415	26,940	20,160	25,450	23,381	17,562	22,011	17,168	13,735
Turnip greens with turnips	15,357	15,146	23,310	16,629	9,374	10,728	11,882	8,942	25,331	23,511
Miscellaneous vegetables	3,915,231	4,316,731	4,574,361	4,874,561	5,158,398	5,473,141	5,212,966	5,491,035	6,245,809	11,859
Total										6,560,733

¹ Included in "Miscellaneous vegetables" prior to 1973.² Included in "Miscellaneous vegetables" prior to 1976.³ Included in "Miscellaneous vegetables" prior to 1972.

Economics, Statistics, and Cooperatives Service — Economics. Data from American Frozen Food Institute.

Table 286. — Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1978

Commodity	East and South ¹	Midwest ²	West ³	Northwest ⁴	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes					363	363
Asparagus	⁵ 8,171				7,256	15,427
Beans, butter	⁶ 12,609					12,609
Beans, green, regular cut	62,742	20,920	77,423			161,085
Beans, green, French cut	37,333	6,667	51,117			95,117
Beans, wax	⁷ 7,478					7,478
Beans, green, Italian		⁸ 16,667				16,667
Beans, whole	1,647	1,585	3,811			7,043
Beans, baby lima	⁹ 14,306		66,839			81,145
Beans, lima Fordhook	⁶ 38,110					38,110
Broccoli	⁹ 11,431				265,088	276,519
Brussels sprouts	⁷ 11,161					71,161
Carrots	⁵ 35,980			90,950	111,485	238,415
Cauliflower	30,742				96,771	127,513
Celery	17,507					17,507
Collards	17,901					17,901
Corn, cut	21,857	60,437	220,861			303,155
Corn-on-cob	33,642	87,996	185,441			307,079
Kale	5,403					5,403
Mustard greens	10,595					10,595
Okra	46,295					46,295
Onions			154,080			154,080
Peas, blackeye	36,981					36,981
Peas, green	29,911	44,144		266,385	17,277	357,717
Peppers, green and red	⁷ 11,993					11,993
Potato products	⁹ 3,848,810					3,848,810
Pumpkin and cooked squash	⁷ 25,058					25,058
Rhubarb	896		3,960			4,856
Spinach	12,714		134,675			147,389
Squash, summer	43,826					43,826
Sweetpotatoes and yams	15,483					15,483
Turnip greens	13,735					13,735
Turnip greens with turnips	23,511					23,511
Miscellaneous vegetables	¹⁰ 11,859					11,859
Mushrooms	8,848					8,848
Total	4,568,535	238,416	898,207	357,335	498,240	6,560,733

¹Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. ²Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. ³California, Colorado, Idaho, Montana, Oregon, Utah, Washington, and Wyoming. ⁴Idaho, Oregon, and Washington. ⁵East, South, and Midwest. ⁶East, South, and West. ⁷East, South, Midwest, and West. ⁸East, Midwest, and West. ⁹East, South, Midwest, and Northwest. ¹⁰Regional packs not reported; allocated on basis of aggregate packs of other items.

Economics, Statistics, and Cooperatives Service — Economics. Data from American Frozen Food Institute.

Table 287. — Vegetables, canned: Cannery and distributors' stocks, beginning of season, United States, 1976–78

Commodity	Season beginning —	Cannery stocks			Distributors' stocks ¹		
		1976	1977	1978	1976	1977	1978
		1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²
Asparagus	March . . .	1,168	312	668	473	306	413
Beans, lima	August . . .	902	610	294	402		
Beans, snap	July	12,045	5,477	4,976	3,770	3,309	3,275
Beets	July	5,640	3,122	2,546	1,157	1,023	977
Carrots	July	2,301	1,589	1,887	596	593	578
Corn	July	9,825	9,878	8,100	4,042	4,009	4,166
Peas, green	June	8,153	7,903	4,701	2,925	2,896	2,784
Pumpkin and squash	July	704	1,790	1,208	465	365	249
Sauerkraut ³	August . . .	3,212	3,090	2,449	579	562	533
Spinach	March	3,675	2,439	1,983	619	591	602
Tomatoes	July	8,961	6,917	12,157	3,166	3,478	3,409
Tomato juice	July	5,322	7,096	4,714	1,813	1,766	1,679
Total of these items		61,908	50,223	45,683	20,007	18,898	18,665

See footnotes on page 198.

Table 288.—Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1977 and 1978

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	102,128	112,566	33,622	92,342	99,427	143,775	347,317	376,463
February	69,236	90,811	24,405	85,315	71,231	125,793	253,961	326,372
March	56,427	72,225	35,000	98,249	67,580	122,116	242,875	283,127
April	45,953	55,843	52,682	94,279	58,833	116,519	207,295	239,357
May	35,326	43,489	84,151	101,406	52,005	110,317	159,696	194,014
June	32,988	41,170	109,294	105,119	48,755	96,920	129,663	157,081
July	83,922	79,305	113,923	102,900	48,662	90,632	125,750	124,441
August	165,582	184,506	100,167	101,104	47,527	82,273	236,529	248,049
September	175,298	211,490	91,692	94,576	56,498	77,976	443,100	488,253
October	169,939	197,418	94,123	94,552	101,219	124,312	510,148	567,484
November	150,135	183,075	101,621	103,865	139,960	159,704	465,297	524,004
December	129,739	165,256	109,324	94,499	155,234	163,687	423,126	481,909

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	67,223	83,863	38,001	46,097	37,231	39,715	30,537	39,239
February	59,208	75,795	27,188	40,390	24,524	30,016	23,535	34,411
March	51,617	67,038	19,650	38,425	49,292	54,517	19,908	29,867
April	44,844	59,985	14,547	30,881	109,073	86,554	14,602	28,030
May	38,300	47,935	11,113	24,279	113,954	99,241	11,589	19,586
June	31,190	43,161	10,039	20,714	116,526	88,190	8,819	16,050
July	26,939	35,236	13,238	23,017	107,692	79,437	6,910	12,132
August	33,557	48,297	20,609	39,411	93,948	70,322	5,399	10,605
September	68,330	91,317	23,099	52,105	83,846	60,982	13,521	14,587
October	104,333	117,419	27,802	73,433	79,539	53,971	22,473	27,057
November	104,700	114,453	46,718	85,686	71,855	46,967	34,462	42,213
December	95,120	104,013	51,748	86,253	58,542	39,554	37,573	49,602

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	27,793	27,671	196,506	183,725	1,244,610	1,471,485	777,153	862,559
February	23,859	26,896	133,980	152,129	942,076	1,282,175	809,133	901,238
March	21,193	26,493	118,120	126,064	892,917	1,185,697	870,835	923,710
April	18,516	26,915	106,508	107,202	878,620	1,100,984	893,288	944,401
May	18,451	28,825	101,884	91,628	837,405	1,007,441	903,037	971,610
June	21,401	29,036	161,658	160,158	897,093	1,027,739	886,544	954,814
July	24,713	26,921	272,416	309,085	1,077,912	1,192,099	720,487	772,609
August	24,151	26,476	351,974	353,001	1,367,537	1,493,502	576,356	627,157
September	22,580	23,475	319,408	335,520	1,601,874	1,792,418	611,014	644,890
October	25,634	23,840	289,781	290,428	1,755,503	1,939,725	726,695	738,428
November	27,105	24,525	253,533	250,389	1,736,105	1,922,764	804,963	769,802
December	26,880	24,426	225,768	228,002	1,645,470	1,800,533	829,769	777,473

Table 289.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1964–78

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Peas	Broccoli	Brussels sprouts	Southern greens
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
1964	0.17	0.84	0.72	0.42	1.81	0.66	0.22	.....
1965	.15	.91	.69	.51	1.98	.68	.22	.....
1966	.16	1.06	.70	.55	2.05	.71	.20	.....
1967	.17	.90	.73	.66	1.88	.77	.20	.....
1968	.16	1.00	.74	.73	2.08	.79	.18	.....
1969	.15	.97	.63	.72	1.78	.84	.23	.....
1970	.14	1.05	.71	.76	1.86	.83	.22	.....
1971	.12	1.04	.64	.74	1.81	.90	.22	.....
1972	.10	1.07	.69	.81	1.81	.99	.20	.....
1973	.11	1.14	.69	.99	1.76	1.06	.23	.....
1974	.10	1.07	.63	1.00	1.74	1.04	.26	.....
1975	.09	.88	.55	.89	1.71	.95	.23	0.34
1976	.11	1.14	.47	.92	1.63	1.04	.25	.33
1977	.09	1.00	.53	.99	1.52	1.15	.24	.35
1978 ¹	.09	1.03	.50	1.00	1.55	1.40	.28	.31

Year	Leafy, green, and yellow vegetables—Continued		Other vegetables			Total vegetables excluding potatoes	Potato products	Grand total
	Spinach	Other ²	Cauliflower	Corn, cut basis	Onions			
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
1964	0.62	0.98	0.20	0.97	.....	7.61	5.86	13.47
1965	.62	.99	.20	1.13	.....	8.08	5.72	13.80
1966	.68	1.21	.25	1.26	.....	8.83	6.93	15.76
1967	.70	1.20	.25	1.60	.....	9.06	7.58	16.64
1968	.70	1.27	.26	1.59	0.16	9.66	8.50	18.16
1969	.67	1.19	.30	1.44	.18	9.10	9.84	18.94
1970	.68	1.24	.30	1.61	.25	9.65	11.10	20.75
1971	.73	1.36	.35	1.47	.34	9.72	12.12	21.84
1972	.72	1.26	.35	1.46	.51	9.97	12.25	22.22
1973	.67	1.54	.37	1.60	.53	10.67	13.27	23.96
1974	.78	1.12	.41	1.56	.49	10.20	13.21	23.41
1975	.65	.89	.35	1.53	.59	9.65	13.89	23.54
1976	.71	1.07	.39	1.56	.66	10.28	14.76	25.04
1977	.73	.92	.41	1.77	.69	10.39	15.98	26.37
1978 ¹	.75	.90	.48	1.86	.72	10.87	17.57	28.44

See footnotes on page 198.

Table 290.—Commercially produced vegetables: Civilian per capita consumption, United States, 1964–78

Year	Fresh equivalent					Percentage of annual total			
	Total fresh and processed	Fresh ^{1 2}	Processed ³			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1964	198.4	98.5	99.9	83.7	16.2	49.6	50.4	42.2	8.2
1965	201.0	98.3	102.7	85.3	17.4	48.9	51.1	42.4	8.7
1966	201.5	95.9	105.6	86.7	18.9	47.6	52.4	43.0	9.4
1967	209.4	98.2	111.2	91.3	19.9	46.9	53.1	43.6	9.5
1968	214.9	101.2	113.7	92.7	21.0	47.1	52.9	43.1	9.8
1969	213.1	98.9	114.2	94.9	19.3	46.4	53.6	44.5	9.1
1970	213.4	98.8	114.6	94.0	20.6	46.3	53.7	44.0	9.7
1971	212.3	98.5	113.8	93.6	20.2	46.4	53.6	44.1	9.5
1972	216.0	99.3	116.7	96.3	20.4	46.0	54.0	44.6	9.4
1973	224.1	100.6	123.5	101.6	21.9	44.9	55.1	45.3	9.8
1974	224.6	102.8	121.8	100.9	20.9	45.8	54.2	44.9	9.3
1975	223.6	102.0	121.6	101.8	19.8	45.6	54.4	45.5	8.9
1976	226.2	102.7	123.5	103.0	20.5	45.4	54.6	45.5	9.1
1977	226.7	101.4	125.3	104.2	21.1	44.7	55.3	46.0	9.3
1978 ⁴	223.7	103.1	120.6	98.8	21.8	46.1	53.9	44.2	9.7

See footnotes on page 199.

CHAPTER V

STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity actually harvested plus quantities not harvested primarily for economic reasons. Utilized production is the amount sold plus the quantities used at home or held in storage. The difference between total and utilized production is the quantity of mature fruit not harvested for economic reasons or excess cullage of harvested fruit. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a season average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

Table 291.—Fruits and planted nuts: Bearing area, United States, 1964–78

Year	Citrus fruits ¹	Major deciduous fruits ²	Minor fruits ³	Planted nuts ⁴	Fruits and planted nuts	Year	Citrus fruits ¹	Major deciduous fruits ²	Minor fruits ³	Planted nuts ⁴	Fruits and planted nuts
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>		<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1964	781.4	1,666.6	90.2	259.9	2,798.1	1972	1,154.0	1,521.6	84.9	379.0	3,139.5
1965	830.3	1,645.7	86.4	274.6	2,837.0	1973	1,174.5	1,527.9	87.5	393.6	3,183.5
1966	881.1	1,624.4	84.3	280.3	2,870.1	1974	1,177.8	1,562.3	90.8	416.0	3,246.9
1967	951.7	1,606.1	83.5	287.3	2,928.6	1975	1,181.3	1,700.5	94.8	435.8	3,412.4
1968	1,001.5	1,602.1	81.9	298.3	2,983.8	1976	1,178.6	1,645.5	100.7	448.8	3,373.6
1969	1,065.2	1,598.3	81.3	315.3	3,060.1	1977	1,162.8	1,662.4	107.8	473.2	3,406.2
1970	1,122.6	1,560.0	81.4	339.4	3,103.4	1978 ⁵ . . .	1,137.0	1,686.3	115.8	501.8	3,440.9
1971	1,180.8	1,540.4	82.7	360.8	3,164.7						

¹Oranges, tangerines, temples, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

²Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.

³Nectarines, figs, olives, avocados, dates, persimmons, and pomegranates.

⁴Walnuts, almonds, and filberts. Pistachios beginning 1977.

⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 292.—Fruits: Production in tons, United States, 1964-78¹

Year	Apples, commercial crop ²	Peaches	Pears	Grapes	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	3,160	1,726	728	3,478	393	647	220	67	54
1965	3,070	1,737	500	4,351	265	606	226	61	50
1966	2,881	1,695	748	3,734	206	492	194	68	63
1967	2,718	1,344	464	3,069	200	584	148	42	14
1968	2,735	1,818	624	3,549	229	534	149	52	86
1969	3,410	1,842	727	3,898	286	496	229	59	70
1970	3,199	1,498	549	3,103	246	787	175	50	52
1971	3,187	1,441	749	3,994	280	582	186	46	55
1972	2,939	1,186	612	2,579	252	359	128	36	24
1973	3,133	1,295	730	4,198	246	783	158	42	70
1974	3,290	1,459	742	4,199	279	659	94	45	59
1975	3,765	1,419	749	4,366	301	656	183	38	67
1976	3,237	1,510	841	4,398	246	666	155	32	80
1977	3,336	1,492	787	4,298	253	727	147	42	43
1978 ³	3,817	1,351	727	4,567	246	643	126	30	126

Year	Avocados	Nectar- ines	Cran- berries	Bananas	Bush- berries	Dates	Papayas	Per- simmons	Pome- granates
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	37	75	66	5	37	24	12	2	4
1965	61	67	71	4	42	21	10	2	3
1966	80	68	79	4	49	21	9	2	3
1967	52	55	70	4	44	21	11	1	2
1968	74	64	73	3	38	23	12	2	3
1969	46	66	91	3	43	17	10	2	7
1970	86	67	102	3	40	18	12	2	8
1971	45	70	113	3	35	20	10	1	9
1972	89	87	104	3	31	16	13	3	7
1973	74	87	105	4	22	23	16	2	6
1974	127	117	112	3	33	23	19	3	8
1975	87	111	104	3	32	25	20	2	9
1976	141	128	120	3	29	22	25	2	9
1977	118	155	105	3	29	25	32	2	10
1978 ³	152	148	123	2	65	25	32	(4)	10

Year	Oranges	Tanger- ines	Grape- fruit	Lemons	Limes	Tangelos	Temples	Straw- berries, com- mercial crop	Total
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1964	3,752	182	1,377	724	18	41	153	274	17,256
1965	4,988	200	1,667	540	22	45	171	216	18,996
1966	5,808	193	1,894	599	17	54	202	232	19,395
1967	7,924	227	2,286	681	17	76	225	237	20,516
1968	5,436	163	1,781	641	29	76	202	263	18,659
1969	7,898	197	2,207	600	28	81	202	243	22,758
1970	8,023	189	2,186	574	29	113	234	248	21,593
1971	8,205	234	2,473	625	35	122	225	260	23,005
1972	8,237	220	2,627	634	44	162	239	230	20,861
1973	9,737	223	2,676	844	44	140	230	240	25,128
1974	9,386	210	2,692	676	42	167	239	268	24,951
1975	10,241	228	2,504	1,118	44	212	239	272	26,795
1976	10,493	236	2,850	670	43	248	248	286	26,718
1977	10,546	249	3,032	988	40	216	171	325	27,171
1978 ³	9,527	234	2,999	992	18	221	221	324	26,726

¹For some crops in certain years, production includes some quantities unharvested on account of economic abandonment.

²Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees.

³Preliminary.

⁴Estimates discontinued after 1977 crop.

⁵Prior to 1970, growers' marketing season for California lemons was from Nov. 1 to Oct. 31; beginning with the 1970 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 293.—Apples, commercial crop:¹ Production and season average price per pound, by States, 1976–78

States	Total production			Utilized production			Price ³ for crop of—		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ark	11.0	24.0	13.0	11.0	23.5	13.0	11.1	8.8	10.9
Calif	480.0	480.0	500.0	480.0	480.0	500.0	6.3	7.8	9.2
Colo	74.0	75.0	45.0	74.0	75.0	41.0	8.6	9.3	10.5
Conn	33.0	46.0	50.0	33.0	43.0	50.0	13.9	13.5	13.6
Del	13.0	13.5	14.5	13.0	13.5	14.5	9.5	10.4	9.3
Ga	22.0	22.0	22.0	21.0	20.0	22.0	9.2	9.2	11.5
Idaho	125.0	85.0	130.0	125.0	85.0	130.0	12.3	14.9	14.7
Ill	86.0	108.0	89.0	86.0	105.0	89.0	10.2	9.9	12.8
Ind	25.0	52.0	64.0	25.0	50.3	59.8	12.4	10.6	13.6
Iowa	6.0	10.7	8.9	6.0	10.5	8.9	10.6	12.5	13.8
Kans	11.4	16.0	10.0	11.4	16.0	10.0	7.9	8.8	11.1
Ky	14.0	22.0	15.0	13.7	19.8	14.2	10.8	10.7	12.6
Maine	75.0	92.0	75.0	75.0	88.0	75.0	12.5	11.9	13.2
Md	63.0	70.0	85.0	63.0	70.0	83.7	9.8	12.2	10.4
Mass	95.0	95.0	105.0	95.0	92.0	105.0	14.6	12.8	13.8
Mich	480.0	570.0	920.0	480.0	570.0	890.0	8.8	7.9	7.6
Minn	23.5	19.9	28.0	23.5	19.9	28.0	11.8	16.4	15.1
Mo	50.0	58.0	40.0	50.0	58.0	40.0	15.3	12.0	15.3
N.H	57.0	58.0	60.0	57.0	57.5	60.0	13.1	12.6	13.4
N.J	90.0	130.0	90.0	90.0	130.0	90.0	9.1	9.6	11.3
N.Mex	24.0	25.0	17.0	21.0	25.0	17.0	11.7	11.5	9.7
N.Y	820.0	900.0	1,080.0	820.0	900.0	1,080.0	7.9	8.6	8.5
N.C	265.0	270.0	324.0	265.0	264.0	322.0	9.1	8.7	7.9
Ohio	105.0	65.0	140.0	105.0	65.0	135.4	14.4	15.5	14.5
Oreg	170.0	147.0	142.0	170.0	147.0	142.0	7.2	9.2	11.1
Pa	360.0	460.0	400.0	359.0	460.0	400.0	8.3	9.1	8.9
R.I	5.3	5.5	6.0	5.3	5.0	6.0	12.8	13.1	14.1
S.C	23.0	25.0	22.0	23.0	25.0	22.0	10.4	8.8	11.7
Tenn	8.0	10.0	8.0	8.0	10.0	7.7	10.9	10.6	14.2
Utah	40.0	47.0	35.0	40.0	47.0	35.0	9.3	10.6	11.0
Vt	47.0	47.0	49.0	47.0	44.0	49.0	12.0	12.5	12.8
Va	212.0	290.0	485.0	212.0	290.0	485.0	7.6	8.4	7.8
Wash	2,308.0	2,083.0	2,170.0	2,308.0	2,083.0	2,170.0	9.2	13.0	12.3
W. Va	200.0	195.0	325.0	200.0	195.0	325.0	8.3	9.8	8.7
Wis	52.0	56.0	66.0	52.0	56.0	61.0	11.8	12.5	12.1
U.S	6473.2	6,672.6	7,633.4	6,467.9	6,643.0	7,581.2	9.1	10.5	10.3

See footnotes on page 215.

Table 294.—Apples, commercial crop: Total production by varieties, United States, 1972–78

Variety	1972	1973	1974	1975	1976	1977	1978 ¹
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Cortland	125.7	127.1	146.6	147.5	124.5	143.9	159.1
Delicious	1,729.4	2,178.3	2,126.9	2,631.8	2,457.5	2,292.2	2,665.9
Golden Delicious	921.9	977.6	1,079.1	1,115.2	1,167.9	1,195.8	1,245.7
Gravenstein	107.2	84.2	84.0	90.0	91.0	90.0	65.0
Jonathan	361.7	381.6	361.0	434.7	304.2	356.7	404.4
McIntosh	658.5	499.2	728.9	699.0	543.3	687.2	765.0
Northern Spy	114.9	82.5	93.2	102.7	80.0	104.8	109.6
R.I. Greening	121.9	68.5	117.0	150.6	95.0	121.0	173.0
Rome Beauty	458.0	513.3	494.2	608.3	480.9	463.7	568.7
Stayman	221.3	237.3	246.9	277.9	170.8	198.8	227.4
Winesap	162.4	168.1	166.7	193.4	157.5	148.4	161.9
Yellow Newtown	153.4	162.5	138.0	139.0	154.0	152.0	165.0
York Imperial	273.9	341.7	267.2	341.6	193.3	260.3	353.9
Other varieties	468.6	443.1	530.0	598.3	453.3	457.8	568.8
Total	5,878.8	6,265.0	6,579.7	7,530.0	6,473.2	6,672.6	7,633.4

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 295.—Apples: Production and value, United States, 1964–78

Year	Apples, commercial crop ¹				Year	Apples, commercial crop ¹			
	Total production	Utilized production	Season average price ²	Value		Total production	Utilized production	Season average price ²	Value
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>
1964	6,319.4	6,240.3	3.86	241,067	1972 ...	5,878.8	5,867.5	6.43	377,475
1965	6,140.2	6,001.0	4.32	259,063	1973 ...	6,265.0	6,251.5	8.80	548,965
1966	5,761.4	5,650.2	4.47	252,579	1974 ...	6,579.7	6,529.8	8.40	551,600
1967	5,436.0	5,405.5	5.57	300,856	1975 ...	7,530.0	7,102.6	6.5	460,894
1968	5,469.0	5,446.4	6.11	332,663	1976 ...	6,473.2	6,467.9	9.1	586,577
1969	6,819.6	6,709.4	4.06	272,345	1977 ...	6,672.6	6,643.0	10.5	698,890
1970	6,397.7	6,258.4	4.54	283,869	1978 ³ ..	7,633.4	7,581.2	10.3	779,369
1971	6,373.2	6,082.7	4.92	299,154					

¹ In orchards of 100 or more bearing-age trees.² Fresh fruit prices are equivalent returns at packinghouse door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 296.—Apples, fresh (dessert and cooking): Production in specified countries, 1976–78¹

Continent and country	1976	1977	1978 ²	Continent and country	1976	1977	1978 ²
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada ³	409	411	454	Yugoslavia	486	381	340
Mexico	329	276	342	Total	2,158	1,658	1,891
United States ³	2,939	3,029	3,426	Total Europe	8,521	6,663	8,203
Total	3,677	3,716	4,222	Asia:			
Europe:				Japan	879	959	904
Belgium and Luxembourg	241	120	266	Turkey	1,000	900	900
Denmark ³	71	90	82	Total	1,879	1,859	1,804
France ⁴	1,710	1,242	1,640	Southern Hemisphere:			
Germany, Fed. Rep. of	1,487	1,176	1,782	Argentina	576	820	810
Italy	2,143	1,828	1,770	Australia	275	302	245
Netherlands	380	315	430	Chile	135	146	155
United Kingdom ⁴	331	234	342	New Zealand	172	146	183
Total EC	6,363	5,005	6,312	South Africa	381	289	365
Austria ⁴	226	200	203	Total	1,539	1,703	1,758
Greece	255	222	174	Total specified countries	15,616	13,941	15,987
Norway	56	43	59				
Spain	1,008	672	951				
Sweden ³	35	38	34				
Switzerland ^{3,4}	92	102	130				

¹ May include some cider varieties in countries not reporting separately.² Preliminary.³ Commercial crop.⁴ Excludes cider apples reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 297.—Apples, commercial crop: Production and utilization, United States, 1964–78

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Frozen	Other ²
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	6,319.4	6,240.3	3,568.9	1,310.8	135.9	198.9	1,025.8
1965	6,140.2	6,001.0	3,382.6	1,308.6	184.2	218.2	907.4
1966	5,761.4	5,650.2	3,229.5	1,043.5	254.4	199.8	923.0
1967	5,436.0	5,405.5	3,178.3	1,106.8	159.6	258.1	702.7
1968	5,469.0	5,446.4	3,193.3	1,175.2	173.7	228.3	675.9
1969	6,819.6	6,709.4	3,700.7	1,399.7	282.7	246.7	³ 1,079.6
1970	6,397.7	6,258.4	3,531.5	1,158.5	189.8	203.0	³ 1,175.6
1971	6,373.2	6,082.7	3,483.9	1,093.5	96.2	190.5	³ 1,218.6
1972	5,878.8	5,867.5	3,342.0	976.9	148.6	235.3	³ 1,164.7
1973	6,265.0	6,251.5	3,539.4	1,255.4	247.7	259.2	³ 949.8
1974	6,579.7	6,529.8	3,690.5	1,225.6	197.2	181.7	³ 1,234.8
1975	7,530.0	7,102.6	4,357.0	1,026.7	229.5	206.6	³ 1,282.8
1976	6,473.2	6,467.9	3,916.8	919.9	229.3	220.4	³ 1,181.5
1977	6,672.6	6,643.0	3,793.6	1,074.9	225.5	160.9	³ 1,388.1
1978 ⁴	7,633.4	7,581.2	4,236.3	1,227.6	242.5	207.4	³ 1,667.4

¹Includes "Home use."²Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.³Includes the following quantities of juice and cider (million pounds): 1969—936.1; 1970—1,031.7; 1971—1,087.0; 1972—1,028.6; 1973—822.2; 1974—1,030.7; 1975—1,191.6; 1976—1,109.1; 1977—1,267.2; and 1978—1,479.6.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 298.—Apples, commercial crop: Production and utilization, by States, crop of 1978 (preliminary)

State	Total production	Utilized production	Utilization					
			Fresh ¹	Processed (fresh basis)				
				Canned	Dried	Frozen	Juice and cider	Other ²
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Calif	500.0	500.0	140.0	.....	64.0	(3)	165.0	(3)
Mich	920.0	890.0	350.0	148.0	(3)	122.0	237.0	33.0
N.Y.	1080.0	1,080.0	425.0	293.0	47.0	44.0	250.0	21.0
Oreg	142.0	142.0	112.0	11.3	(3)	(3)	14.2	.....
Pa	400.0	400.0	158.9	151.8	(3)	3.2	70.3	(3)
Va	485.0	485.0	132.0	186.5	(3)	(3)	126.3	(3)
Wash	2,170.0	2,170.0	1,690.0	83.0	119.0	.....	250.0	28.0
W. Va	325.0	325.0	116.4	119.1	.....	9.4	70.0	10.1
Other States ⁴ ..	1,611.4	1,589.2	1,112.0	234.9	12.5	28.8	296.8	95.7
U.S.	7,633.4	7,581.2	4,236.3	1,227.6	242.5	207.4	1,479.6	187.8

¹Includes "Home use."²Mostly vinegar, wine, and jam.³Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.⁴Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 299.—Apples: International trade, 1975–77

Continent and country	1975		1976		1977	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	39,096	67,138	45,008	79,672	47,887	66,708
United States	109,824	38,993	115,736	52,709	143,412	49,437
Total	148,920	106,131	160,744	132,381	191,299	116,145
South America:						
Argentina	245,549		258,233			
Brazil		143,595		189,397		202,565
Chile	45,332		61,349			
Total	290,881	143,595	319,582	189,397		202,565
Europe:						
Austria	96	56,599	5,215	66,781	2,852	71,546
Belgium and Luxembourg ..	48,523	97,288	60,365	103,328	54,233	124,233
Denmark	23,711	19,592	16,905	27,783	23,163	26,162
Finland		48,275		59,735		43,100
France:						
Table	578,362	85,700	640,322	80,632	495,901	149,335
Cider	7,217		855		254	
Germany, Fed. Rep. of	24,577	604,895	29,984	608,601	36,639	620,634
Ireland		25,803		29,885		25,627
Italy	399,569	19,189	461,226	21,008	575,364	12,176
Netherlands	154,306	154,775	123,014	161,901	125,559	163,661
Norway		28,775		39,175		34,970
Sweden	2,062	64,732	2,672	64,608	2,692	62,692
Switzerland:						
Table ¹	467	31,199	409	13,418	6,495	28,498
Cider ¹	135	52	48		3,695	178
United Kingdom		330,018		381,396		339,295
Yugoslavia	441		1,022		25,197	
Total	1,239,466	1,566,892	1,342,037	1,658,251	1,352,044	1,702,107
Africa:						
Morocco	4	502			53	
South Africa	171,769		193,115		119,107	
Total	171,773	502	193,115		119,160	
Asia:						
Hong Kong	12,734	53,185	7,087	51,636	9,536	50,756
Japan	832	1,195	1,309	168	2,269	
Total	13,566	54,380	8,396	51,804	11,805	50,756
Oceania:						
Australia	88,380		61,180			
New Zealand	89,836		79,832			
Total	158,216		141,012			
World total	2,022,822	1,871,500	2,164,886	2,031,833	1,674,308	2,071,573

¹Includes pears.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 300.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1975–1977

Country	Year beginning July			Country	Year beginning July		
	1975	1976	1977		1975	1976	1977
EXPORTS				EXPORTS—Continued			
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Bermuda and Caribbean—Continued	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Denmark			10	Netherlands Antilles	793	737	882
Finland	1,590	2,468	3,180	Trinidad and Tobago	475	582	885
France	9	58	735	Other countries	32	129	167
Germany, Fed. Rep. of			15				
Iceland	624	778	1,445	Total	3,419	3,878	4,373
Ireland	591	266	1,410				
Netherlands	13	487	2,806	Other countries:			
Norway	2,065	1,807	3,429	Canada	41,629	54,488	48,970
Sweden	1,316	2,642	4,544	China, Taiwan	2,005	2,763	1,850
United Kingdom	4,228	1,438	8,318	French Pacific Islands	438	348	420
Total	10,436	9,944	25,892	Hong Kong	13,104	11,945	11,314
				Indonesia	1,895	2,614	2,507
Latin America:				Liberia	73	182	117
Brazil	1,310	410	1,454	Malaysia	395	1,316	1,394
Colombia	248	1855	4,064	New Zealand	584	730	1,232
Costa Rica	176	393	496	Other Pacific Islands	174	164	141
Ecuador	554	661	859	Philippines	927	666	521
Guatemala	523	1,071	835	Saudi Arabia	5,908	6,778	5,297
Honduras	398	623	813	Singapore	1,166	974	1,222
Mexico	9,594	7,372	8,155	Thailand	110	97	309
Nicaragua	211	340	459	Other countries	3		18,543
Panama	713	570	606	Total	68,411	83,065	93,837
Surinam	44	68	59				
Venezuela	5,928	9,753	7,963	Grand total	102,255	120,063	149,939
Other countries	290	60	74				
Total	19,989	23,176	25,837				
				IMPORTS			
Bermuda and Caribbean:				Australia	1,046	104	384
Bahamas	668	576	510	Canada	31,206	33,024	37,102
Barbados	23	177	156	Chile	1,756	430	3,959
Bermuda	406	292	447	France	1,741	71	
Dominican Republic	901	1,282	1,181	New Zealand	10,060	10,442	8,571
Haiti	69	74	95	South Africa	9,707	3,682	6,910
Jamaica	25	3		Other countries	74	22	217
Leeward and Windward Islands	27	26	50	Total	55,590	47,775	57,143

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 301.—Apples:¹ Foreign trade, United States, 1964–77

Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports			Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports		
		Fresh	Dried, in terms of fresh ¹	Canned, in terms of fresh ¹			Fresh	Dried, in terms of fresh ¹	Canned, in terms of fresh ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1964	947	4,595	626	² 74	1971	1,781	2,453	101	
1965	703	5,839	570		1972	2,349	3,111	346	
1966	1,445	4,098	308		1973	1,941	3,714	285	
1967	2,674	2,927	248		1974	1,605	4,873	172	
1968	2,612	1,577	204		1975	2,563	4,705	172	
1969	1,876	2,342	157		1976 ³	2,559	5,680	209	
1970	2,104	2,099	192		1977 ³	2,923	6,538	377	

¹ Dried and canned are converted to terms of fresh apples on following basis: 1 pound dried is equivalent to 8 pounds fresh; 1 pound of canned is equivalent to about 2 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported.² July-December average. Not reported separately after 1964.³ Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 302.—Apples, western: Average auction price per box, all grades, New York, 1964-78

Season beginning July	Golden Delicious	Rome Beauty ¹	Delicious	Winesap	Average ²
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	4.31	4.21	5.33	4.35	5.00
1965	4.47	4.00	5.55	4.66	5.59
1966	4.80	4.11	5.91	5.71	5.62
1967	6.02	3.95	6.75	6.52	6.51
1968	6.10	5.12	7.64	5.20	7.00
1969	4.66	3.14	4.82	4.53	4.33
1970	5.48	2.76	6.45	4.02	6.31
1971	5.76	4.37	6.38	5.08	6.12
1972	6.36	5.04	8.65	6.05	7.85
1973	7.76	5.00	8.56	8.25	8.27
1974	8.81	7.04	9.86	7.44	9.38
1975	8.22	5.16	8.41	6.72	8.11
1976	7.57	3.67	9.85	5.04	7.71
1977	8.76	7.28	12.76	7.89	10.60
1978 ³	9.77	6.00	11.47	13.01	11.13

¹"Rome Beauty" no longer reported. Beginning 1971, prices quoted are for "Red Rome" variety.

²Weighted average of varieties shown in this table.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day.

Table 303.—Apricots: Production and value, United States, 1964-78¹

Year	Total production	Utilized production	Season average price per ton ²	Value	Year	Total production	Utilized production	Season average price per ton ²	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	220,100	218,000	122.00	26,606	1972	127,600	127,470	144.00	18,331
1965	226,000	210,940	93.00	19,629	1973	157,900	157,690	168.00	26,442
1966	193,500	192,400	123.00	23,569	1974	93,550	93,550	270.00	25,281
1967	147,900	147,525	158.00	23,357	1975	182,600	175,600	214.00	37,609
1968	149,400	149,280	183.00	27,348	1976	154,600	128,440	200.00	25,703
1969	228,600	228,450	143.00	32,640	1977	147,400	141,400	210.00	29,696
1970	175,000	174,700	111.00	19,342	1978 ³ ...	126,300	126,300	274.00	34,608
1971	186,450	148,850	94.80	14,112					

¹Production, price, and value for California, Utah, and Washington.

²Quantities processed are priced at the equivalent processing plant door level.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 304.—Apricots: Production and season average price per ton, by States, 1976-78

State	Total production			Utilized production			Price ² for crop of—		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif	150,000	143,000	123,000	124,000	137,000	123,000	198.00	207.00	273.00
Utah	2,000	1,800	600	1,340	1,800	600	162.00	249.00	460.00
Wash	2,600	2,600	2,700	2,600	2,600	2,700	328.00	342.00	279.00
Total	154,600	147,400	126,300	128,440	141,400	126,300	200.00	210.00	274.00

¹Preliminary.

²Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 305.—Apricots, fresh: Production in specified countries, 1976–78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Asia:			
Canada	2.8	2.6	2.9	Turkey ²	176.0	151.0	150.0
United States	140.3	133.7	114.6				
Total	143.1	136.3	117.5	Southern Hemisphere:			
Europe:				Argentina	22.0	26.0	23.0
Austria	9.5	4.3	14.1	Australia	26.2	26.8	24.5
France	133.0	68.9	92.6	Chile	5.0	15.1	15.6
Germany, Fed. Rep. of	1.4	1.8	3.0	New Zealand	4.7	5.7	5.5
Greece	74.0	69.1	46.3	South Africa	22.8	35.0	27.4
Italy	98.7	83.7	77.0	Total	80.7	108.6	96.0
Spain	214.5	65.4	227.4	Total specified countries	965.4	714.8	843.0
Switzerland	8.8	6.0	5.5				
Yugoslavia	25.7	19.7	13.6				
Total	565.6	318.9	479.5				

¹ Preliminary.² Includes wild apricots.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 306.—Apricots: Production and utilization, United States,¹ 1964–78

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh ²	Processed (fresh basis)		
				Canned ³	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1964	220,100	218,000	20,340	151,760	37,400	8,500
1965	226,000	210,940	4 15,140	156,000	30,800	9,000
1966	193,500	192,400	18,530	126,370	39,000	8,500
1967	147,900	147,525	11,555	106,270	22,000	7,700
1968	149,400	149,280	11,885	106,095	23,100	8,200
1969	228,600	228,450	12,700	164,450	41,800	9,500
1970	175,000	174,700	14,540	116,060	36,400	7,700
1971	186,450	148,850	16,920	99,530	26,000	6,400
1972	127,600	127,470	10,050	93,020	18,000	6,400
1973	157,900	157,690	11,870	116,720	19,500	9,600
1974	93,550	93,550	8,450	62,500	17,000	5,600
1975	182,600	175,600	10,100	122,800	28,500	14,200
1976	154,600	128,440	12,840	76,200	29,300	10,100
1977	147,400	141,400	12,060	79,340	39,500	10,500
1978 ⁵	126,300	126,300	8,800	78,500	30,500	8,500

¹ California, Utah, and Washington.² Includes "Home use."³ Includes some quantities frozen or otherwise processed.⁴ Beginning 1965, includes some quantities canned.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 307.—Apricots: Production and utilization, by States, crop of 1978 (preliminary)

State	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Calif	123,000	123,000	6,000	78,000	30,500	8,500
Utah	600	600	(1)	(1)	.....	.....
Wash	2,700	2,700	(1)	(1)	.....	.....
U.S.	126,300	126,300	18,800	127,850	30,500	8,500

¹ Missing data not published to avoid disclosure of individual operations, but included in U.S. total.² Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 308.—Apricots: Foreign trade, United States, 1964–77

Year beginning July	Domestic exports					Year beginning July	Domestic exports				
	Fresh	Canned ¹	Dried ¹	Dried, in fruit salad ²	Total, in terms of fresh ³		Fresh	Canned ¹	Dried ¹	Dried in fruit salad ²	Total, in terms of fresh ³
	<i>Tons</i>	<i>1,000 pounds</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>1,000 pounds</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1964	2,102	6,609	1,404	386	13,751	1971 . . .	3,501	4,262	609	224	9,700
1965	4,826	10,249	1,550	486	20,382	1972 . . .	1,668	5,520	919	215	10,011
1966	2,002	6,003	1,293	335	13,580	1973 . . .	2,244	5,182	919	243	10,619
1967	1,338	2,710	613	310	7,472	1974 . . .	1,451	1,450	587	238	6,569
1968	955	2,471	460	243	5,777	1975 . . .	2,924	2,111	880	250	9,489
1969	4,012	4,216	693	266	10,901	1976 ⁴ . .	1,992	2,405	1,164	220	9,966
1970	2,139	2,746	525	209	7,230	1977 ⁴ . .	(5)	2,739	(5)	253	2,280

¹ Net processed weight.² Dried apricots are 12 $\frac{1}{3}$ percent of total dried fruit for salad.³ Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.⁴ Year beginning October.⁵ Not available.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 309.—Avocados: Production, season average price per ton, and value, United States, 1964–65 to 1978–79

Season	California			Florida			California and Florida ³		
	Produc- tion ¹	Price ²	Value	Produc- tion ¹	Price ²	Value	Produc- tion ¹	Price ²	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964–65 . . .	24,000	520	12,480	12,740	180	2,293	36,740	402	14,773
1965–66 . . .	58,000	262	15,196	2,800	450	1,260	60,800	271	16,456
1966–67 . . .	74,500	202	15,049	5,800	224	1,299	80,300	204	16,348
1967–68 . . .	37,400	460	17,204	14,700	188	2,764	52,100	383	19,968
1968–69 . . .	61,100	300	18,330	12,600	237	2,986	73,700	289	21,316
1969–70 . . .	31,700	682	21,619	14,000	288	4,032	45,700	561	25,651
1970–71 . . .	67,000	376	25,192	18,800	290	5,452	85,800	357	30,644
1971–72 . . .	26,100	952	24,847	19,300	338	6,523	45,400	691	31,370
1972–73 . . .	70,500	546	38,493	18,800	321	7,161	127,400	499	44,528
1973–74 . . .	53,400	793	42,346	20,300	355	7,207	73,700	672	49,553
1974–75 . . .	105,500	475	50,113	21,900	327	7,191	127,400	450	57,274
1975–76 . . .	58,400	1,037	60,561	29,000	400	11,600	87,400	826	72,161
1976–77 . . .	120,000	593	71,160	21,100	416	8,651	141,100	567	79,811
1977–78 . . .	107,000	740	79,180	10,700	690	7,383	117,700	735	86,563
1978–79 ⁴ . .	129,000	504	65,016	23,100	401	9,263	152,100	488	74,279

See footnotes on page 215.

Table 310.—Avocados: Foreign trade, United States, 1964–77

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>Tons</i>		<i>Tons</i>		<i>Tons</i>
1964	36	1969	399	1974	1,660
1965	125	1970	572	1975	1,471
1966	295	1971	1,132	1976 ¹	2,198
1967	187	1972	976	1977 ¹	3,486
1968	100	1973	1,126		

¹ Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 311.—Bananas: Area, yield, production, price and value, Hawaii, 1964–78

Year	Area harvested	Yield per acre ¹	Production ²	Price per pound	Value	Year	Area harvested	Yield per acre ¹	Production ²	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	890	10.1	9,010	7.7	690	1972 ...	720	8.3	6,000	12.0	720
1965	950	7.5	7,100	7.7	545	1973 ...	660	11.1	7,295	10.6	773
1966	1,010	8.6	8,730	7.7	668	1974 ...	610	10.8	6,600	13.1	865
1967	1,010	8.0	8,095	7.0	567	1975 ...	630	9.8	6,200	13.8	856
1968	965	6.7	6,485	7.7	499	1976 ...	560	9.0	5,030	15.5	780
1969	930	6.6	6,170	9.4	580	1977 ...	550	10.5	5,800	15.6	905
1970	760	7.4	5,600	10.6	594	1978 ³ ...	560	8.6	4,800	18.5	888
1971	725	8.1	5,865	11.6	680						

¹ Derived from total production.² Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 60 in 1965.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 312.—Bushberries: Area, yield, production, utilization, price, and value, United States, 1964–78

Year	Area harvested	Yield per acre ¹	Production		Utilization		Price per pound ²	Value
			Total	Utilized	Fresh	Processed		
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	15,050	4,862	73,170	72,305	2,787	69,518	17.0	12,278
1965	17,910	4,662	83,492	83,083	2,874	80,209	18.5	15,381
1966	18,810	5,243	98,619	92,879	2,801	90,078	15.0	13,955
1967	18,390	4,801	88,282	83,953	3,803	80,150	13.3	11,142
1968	16,950	4,418	75,873	74,886	3,760	71,126	16.5	12,378
1969	16,480	5,213	86,044	85,904	3,790	82,114	23.5	20,148
1970	16,160	4,892	79,365	79,061	3,717	75,344	18.5	14,653
1971	15,410	4,387	69,016	67,607	4,153	63,454	18.1	12,258
1972	14,090	4,421	62,585	62,291	4,301	57,990	28.8	17,925
1973	11,710	3,694	43,694	43,260	3,722	39,538	46.4	20,061
1974	13,570	4,802	66,019	65,168	3,814	61,354	29.7	19,371
1975	12,100	5,180	64,570	62,672	3,923	58,749	22.0	13,789
1976	11,030	5,218	57,985	57,555	4,078	53,477	30.7	17,643
1977	10,960	5,314	58,921	58,245	3,716	54,529	48.6	28,299
1978 ³	45,640	2,821	129,212	128,737	26,968	101,769	62.3	80,177

¹ Yield is derived from total production through 1967; beginning 1968, yield is derived from utilized production.² Price per pound is derived.³ Preliminary.⁴ Maine, Michigan, New Jersey, North Carolina, and Oregon added to the Bushberry program.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 313.—Bushberries: Area, yield, production, utilization, price, and value, by States, 1978 (preliminary)

Crop and State	Area harvested	Yield per acre	Production		Utilization		Price per pound	Value
			Total	Utilized	Fresh	Processed		
BLACKBERRIES, CULTIVATED	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Oreg	3,000	6,700	20,100	20,100	400	19,700	50.8	10,211
Wash	200	5,300	1,120	1,060	49	1,011	50.1	531
Total	3,200	6,613	21,220	21,160	449	20,711	50.8	10,742
BLUEBERRIES								
Maine	14,800	1,220	18,100	18,100	.....	18,100	51.0	9,231
Mich	8,000	2,810	22,500	22,500	8,000	14,500	66.3	14,918
N.J.	7,800	2,860	22,308	22,308	11,418	10,890	69.4	15,482
N.C.	3,400	2,310	7,850	7,850	3,825	4,025	58.8	4,616
Oreg	450	5,000	2,250	2,250	750	1,500	66.0	1,485
Wash	800	6,030	5,031	4,824	934	3,890	65.5	3,160
Total	35,250	2,208	78,039	77,832	24,927	52,905	62.8	48,892
BOYSENBERRIES AND YOUNGBERRIES								
Oreg	750	2,670	2,000	2,000	100	1,900	80.0	1,600
CURRRANTS								
Wash	140	2,200	316	308	2	306	30.1	93
LOGANBERRIES								
Oreg	470	5,320	2,500	2,500	50	2,450	43.0	1,075
BLACK RASPBERRIES								
Oreg	1,200	1,580	1,900	1,900	40	1,860	75.0	1,425
Wash	130	1,360	177	177	3	174	75.0	133
Total	1,330	1,562	2,077	2,077	43	2,034	75.0	1,558
RED RASPBERRIES								
Oreg	1,900	5,050	9,600	9,600	400	9,200	71.0	6,816
Wash	2,600	5,100	13,460	13,260	997	12,263	70.9	9,401
Total	4,500	5,080	23,060	22,860	1,397	21,463	70.9	16,217

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 293

¹In orchards of 100 or more bearing-age trees.²Preliminary.³Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 309

¹Production is the quantity sold or utilized.²Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.³Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Mar. 1 for Florida.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 314.—Cherries: Production and value, United States, 1964–78

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Season average price per ton	Value	Total production	Utilized production	Season average price per pound	Value
	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	392,900	344,058	57,339	119,530	118,135	290.00	34,252	546.7	451.8	5.1	23,087
1965	264,730	248,194	45,323	87,820	86,780	332.00	28,854	353.8	322.8	5.1	16,469
1966	205,910	200,546	67,833	115,910	111,050	389.00	43,237	180.0	179.0	13.7	24,596
1967	199,980	199,143	75,167	110,990	110,153	400.00	44,113	178.0	178.0	17.4	31,054
1968	228,891	228,464	81,282	91,121	90,810	436.00	39,548	275.5	275.3	15.2	41,734
1969	285,860	278,210	66,429	128,310	126,960	338.00	42,886	315.1	302.5	7.8	23,543
1970	246,660	239,430	60,985	122,260	121,530	355.00	43,173	248.8	235.8	7.6	17,812
1971	279,940	277,990	70,963	141,290	139,990	315.00	44,047	277.3	276.0	9.8	26,916
1972	251,950	230,140	58,737	96,050	95,840	382.00	36,649	311.8	268.6	8.2	22,088
1973	245,930	241,330	88,276	158,630	154,630	358.00	55,331	174.6	173.4	19.0	32,945
1974	279,430	279,280	113,025	146,980	146,980	436.00	64,057	264.9	264.6	18.5	48,968
1975	301,160	278,960	88,572	155,910	155,910	407.00	63,484	290.5	246.1	10.2	25,088
1976	246,210	240,980	101,256	172,910	167,680	384.00	64,450	146.6	146.6	25.1	36,806
1977	253,250	251,950	134,635	147,800	146,500	496.00	72,686	210.9	210.9	29.4	61,949
1978 ¹	245,540	245,540	186,878	154,940	154,940	694.00	107,544	181.2	181.2	43.8	79,334

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 315.—Cherries: Production and season average price, by States, 1976–78

State	Total production			Utilized production			Price ² for crop of —		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
SWEET VARIETIES	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif.	51,000	27,000	14,000	46,700	27,000	14,000	456.00	581.00	1,012.00
Colo.	500	550	140	500	550	140	596.00	680.00	1,067.00
Idaho	3,000	2,200	2,000	2,450	2,050	2,000	439.00	460.00	677.00
Mich.	13,500	23,000	35,000	13,500	23,000	35,000	372.00	410.00	458.00
Mont.	2,650	2,600	1,850	2,650	2,550	1,850	415.00	518.00	701.00
N. Y.	2,500	1,800	3,500	2,120	1,800	3,500	394.00	552.00	543.00
Oreg.	39,000	37,500	34,000	39,000	37,500	34,000	350.00	423.00	631.00
Pa.	460	350	700	460	350	700	792.00	836.00	836.00
Utah	6,000	5,800	3,000	6,000	4,700	3,000	337.00	461.00	769.00
Wash.	54,300	47,000	60,700	54,300	47,000	60,700	346.00	541.00	795.00
Total 10 States	172,910	147,800	154,940	167,680	146,500	154,940	384.00	496.00	694.00
TART VARIETIES	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>Cents per pound</i>	<i>Cents per pound</i>
Colo.	3.3	2.3	1.3	3.3	2.3	1.3	19.8	24.3	41.6
Mich.	90.0	162.0	128.0	90.0	162.0	128.0	25.4	29.5	44.4
N. Y.	14.3	11.8	18.9	14.3	11.8	18.9	24.6	29.5	42.9
Ohio	3	2	2	3	2	2	33.3	50.0	60.0
Oreg.	8.2	8.0	3.8	8.2	8.0	3.8	26.3	29.2	39.4
Pa.	7.6	3.2	6.2	7.6	3.2	6.2	25.8	29.8	41.7
Utah	17.0	11.2	11.3	17.0	11.2	11.3	23.7	28.6	39.0
Wis.	5.9	12.2	11.5	5.9	12.2	11.5	25.9	28.9	45.6
Total 8 States	146.6	210.9	181.2	146.6	210.9	181.2	25.1	29.4	43.8

¹ Preliminary.² Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 316.—Cherries, fresh: Production in specified countries, 1976–78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada	13.5	17.1	13.5	Yugoslavia	102.3	86.5	85.7
United States	223.4	229.8	222.8	Total	811.0	593.8	731.8
Total	236.9	246.9	236.3	Asia:			
Europe:				Japan	17.1	16.3	15.7
Austria	23.6	17.9	25.0	Turkey	127.6	135.0	127.0
Belgium and Luxembourg ..	15.0	11.0	14.4	Total	144.7	151.3	142.7
Denmark	8.2	5.1	7.3	Southern Hemisphere:			
France	137.0	59.0	95.0	Argentina	2.0	2.4	2.3
Germany, Fed. Rep. of ..	212.8	182.1	259.5	Australia	6.7	7.2	9.6
Greece	28.0	24.0	22.0	Chile	5.0	5.4	5.5
Italy	156.3	141.2	110.0	Total	13.7	15.0	17.4
Netherlands	2.9	1.3	2.2	Total specified countries	1,206.3	1,007.0	1,128.2
Norway	5.7	4.2	5.7				
Spain	78.0	46.8	76.6				
Switzerland	31.2	11.8	25.0				
United Kingdom	10.0	2.9	3.4				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 317.—Cherries: Foreign trade, United States, 1964–77

Year beginning July	Imports		Domestic exports		Year beginning July	Imports		Domestic exports	
	Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh		Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	5,104	6,920	21,385	4,066	1971	1,539	6,991	1,619	8,988
1965	1,977	7,183	33,534	4,687	1972	2,201	7,636	9,457	15,989
1966	5,180	8,404	3,786	4,620	1973	919	3,585	2,463	12,824
1967	5,626	8,623	3,390	3,727	1974	261	2,747	2,606	15,422
1968	11,033	9,138	3,155	5,180	1975	285	1,667	2,052	14,733
1969	2,696	8,421	15,072	7,337	1976 ¹	167	1,282	3,124	11,961
1970	3,432	7,674	2,304	6,293	1977 ¹	73	636	3,742	15,801

¹ Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 319

¹ Includes "Home use."

² Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.

³ California, Colorado, Idaho, Montana, New York, Pennsylvania, and Utah.⁴ Colorado, New York, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 318.—Cherries: Production and utilization, United States,¹ 1964–78

Crop of—	Total produc- tion	Utilized produc- tion	Utilization of quantities sold			
			Fresh ²	Processed (fresh basis)		
				Canned ³	Frozen	Brined ⁴
SWEET VARIETIES	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1964	119,530	118,135	47,681	16,945	.....	53,509
1965	87,820	86,780	30,004	13,175	.....	43,601
1966	115,910	111,050	44,138	12,543	.....	54,369
1967	110,990	110,153	42,202	14,492	.....	53,459
1968	91,121	90,810	35,733	11,115	.....	43,962
1969	128,310	126,960	49,820	19,335	.....	57,805
1970	122,260	121,530	48,292	11,833	.....	61,405
1971	141,290	139,990	68,627	⁵ 12,998	.....	58,365
1972	96,050	95,840	41,668	11,017	.....	43,155
1973	158,630	154,630	82,839	16,948	.....	54,843
1974	146,980	146,980	67,516	25,864	.....	53,600
1975	155,910	155,910	77,500	14,520	.....	63,890
1976	172,910	167,680	95,110	21,180	.....	51,390
1977	147,800	146,500	72,400	21,990	.....	52,110
1978 ⁶	154,940	154,940	68,770	28,060	.....	58,110
TART VARIETIES	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	546.7	451.8	16.5	202.0	233.3	.....
1965	353.8	322.8	13.0	139.8	170.0	.....
1966	180.0	179.0	13.2	73.5	92.3	.....
1967	178.0	178.0	9.3	60.8	107.9	.....
1968	275.5	275.3	11.5	96.8	167.0	.....
1969	315.1	302.5	9.5	126.7	166.3	.....
1970	248.8	235.8	10.0	86.7	139.1	.....
1971	277.3	276.0	8.8	82.5	184.7	.....
1972	311.8	268.6	6.3	96.1	166.2	.....
1973	174.6	173.4	5.4	51.9	116.1	.....
1974	264.9	264.6	4.4	97.6	162.6	.....
1975	290.5	246.1	7.2	89.7	149.2	.....
1976	146.6	146.6	6.0	42.4	98.2	.....
1977	210.9	210.9	6.1	65.5	139.3	.....
1978 ⁶	181.2	181.2	5.0	49.9	126.3	.....

¹ California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin. ² Includes "Home use." ³ For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries. ⁴ Sweet varieties include small quantities used for juice, wine, brandy, canning, etc., through 1970; beginning 1971, brined only. ⁵ Sweet varieties, beginning 1971, include small quantities used for juice, wine, brandy, etc. ⁶ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 319.—Cherries: Production and utilization, by States, crop of 1978 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh ¹	Processed (fresh basis)		
				Canned and otherwise processed ²	Frozen	Brined
SWEET VARIETIES	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Mich	35,000	35,000	2,000	12,700	.....	20,300
Oreg	34,000	34,000	8,900	7,250	.....	17,850
Wash	60,700	60,700	40,800	7,000	.....	12,900
Other States ³	25,240	25,240	17,070	1,110	.....	7,060
U.S.	154,940	154,940	68,770	28,060	.....	58,110
TART VARIETIES	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Mich	128.0	128.0	3.0	35.0	90.0	.....
Other States ⁴	53.2	53.2	2.0	14.9	36.3	.....
U.S.	181.2	181.2	5.0	49.9	126.3	.....

See footnotes on page 217.

Table 320.—Citrus fruits: Production and value, United States, for season of 1964-65 to 1977-78

Season ¹	Production	Season average returns per box ²	Value	Quantities processed ³	Production	Season average returns per box ²	Value	Quantities processed ³
Oranges ⁴					Grapefruit			
	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>
1964-65	116,360	3.16	367,266	74,604	41,027	1.90	78,147	18,911
1965-66	135,470	2.48	335,941	92,075	46,695	1.95	91,228	23,694
1966-67	182,850	1.84	337,309	134,063	55,676	1.38	76,586	30,438
1967-68	124,490	3.08	383,807	91,698	44,058	2.54	111,787	21,827
1968-69	183,760	2.43	446,972	138,621	54,170	1.68	90,842	31,503
1969-70	185,770	2.09	388,313	141,064	53,910	2.24	120,994	30,201
1970-71	189,430	2.45	463,506	145,529	60,560	2.40	145,287	36,142
1971-72	191,450	2.87	549,369	148,015	64,250	2.89	185,890	37,279
1972-73	224,660	2.69	603,305	182,263	65,640	2.70	177,055	38,219
1973-74	216,210	2.78	600,691	171,323	65,500	2.41	157,673	37,808
1974-75	237,810	2.75	653,759	183,457	61,610	2.51	154,439	33,223
1975-76	242,780	2.80	678,717	192,540	70,080	2.21	154,802	37,536
1976-77	242,950	3.34	811,196	195,782	74,600	2.35	175,467	46,042
1977-78 ⁵	219,620	5.47	1,201,225	175,809	73,700	2.43	179,305	43,557
Lemons					Limes			
1964-65	14,210	3.31	47,057	5,239	560	3.66	2,050	260
1965-66	15,770	3.29	51,885	6,600	415	4.90	2,034	140
1966-67	17,910	3.28	58,685	8,623	420	6.44	2,705	147
1967-68	16,850	3.85	64,939	7,452	720	4.49	3,233	377
1968-69	15,810	4.41	69,694	6,931	700	4.51	3,157	320
1969-70	15,120	4.85	73,294	5,879	725	5.71	4,140	351
1970-71	16,450	4.98	81,960	6,770	880	4.70	4,136	485
1971-72	16,680	4.81	80,266	7,070	1,100	5.49	6,039	626
1972-73	22,200	4.38	97,126	11,232	1,100	6.10	6,710	583
1973-74	17,800	6.17	109,851	6,666	1,050	7.20	7,560	571
1974-75	29,400	3.85	113,226	17,880	1,100	7.62	8,382	607
1975-76	17,620	5.79	101,949	6,685	1,080	9.27	10,012	494
1976-77	26,000	3.56	92,500	12,910	1,000	11.61	11,610	486
1977-78 ⁵	26,100	3.84	100,245	14,595	460	19.10	8,786	120
Tangerines					Tangelos			
1964-65	4,340	4.04	17,551	1,210	1,000	4.61	4,610	194
1965-66	4,180	3.60	15,056	939	1,200	5.34	6,408	221
1966-67	4,960	2.60	12,894	1,288	1,700	2.34	3,978	406
1967-68	3,590	5.55	19,921	801	1,700	4.00	6,800	285
1968-69	4,330	4.10	17,766	1,348	1,800	3.39	6,102	586
1969-70	4,200	3.70	15,556	1,123	2,500	2.13	5,325	1,103
1970-71	5,230	3.52	18,386	1,612	2,700	2.09	5,643	1,093
1971-72	5,030	4.53	22,767	1,659	3,600	2.75	9,900	1,882
1972-73	5,130	4.04	20,729	1,894	3,100	2.52	7,812	1,667
1973-74	4,840	4.76	23,032	1,280	3,700	2.50	9,250	2,104
1974-75	5,250	4.50	23,618	1,629	4,700	2.63	12,361	2,337
1975-76	5,360	4.85	25,976	1,728	5,500	2.52	13,860	3,255
1976-77	5,770	5.56	32,104	1,753	4,800	2.77	13,296	2,505
1977-78 ⁵	5,400	6.50	35,089	2,209	4,900	4.69	22,981	2,913
Templets								
1964-65	3,800	3.33	12,654	1,554	.....	.....	.....	.....
1965-66	4,500	2.43	10,935	2,010	.....	.....	.....	.....
1966-67	5,000	1.51	7,550	1,998	.....	.....	.....	.....
1967-68	4,500	3.56	16,020	1,699	.....	.....	.....	.....
1968-69	4,500	3.08	13,860	2,397	.....	.....	.....	.....
1969-70	5,200	2.31	12,012	2,377	.....	.....	.....	.....
1970-71	5,000	2.78	13,900	2,768	.....	.....	.....	.....
1971-72	5,300	2.89	15,317	3,517	.....	.....	.....	.....
1972-73	5,100	3.06	15,606	2,655	.....	.....	.....	.....
1973-74	5,300	2.80	14,840	3,375	.....	.....	.....	.....
1974-75	5,300	2.75	14,575	3,392	.....	.....	.....	.....
1975-76	5,500	2.89	15,895	3,171	.....	.....	.....	.....
1976-77	3,800	3.39	12,882	2,616	.....	.....	.....	.....
1977-78 ⁵	4,900	5.44	26,656	2,851	.....	.....	.....	.....

See footnotes on page 222.

Table 321.—Citrus fruits: Production and season average returns per box, by States, 1975-76 to 1977-78

Crop and State	Production of crop for season ¹ of—			Price ³ of crop for season of—		
	1975-76	1976-77	1977-78 ²	1975-76	1976-77	1977-78 ²
ORANGES						
Early, midseason, and Navel varieties: ⁴	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
Ariz	730	800	820	4.95	4.85	6.92
Calif	28,300	25,600	20,000	3.12	3.66	6.06
Fla	98,800	115,000	88,300	2.69	2.99	5.02
Tex	3,700	4,350	3,850	1.93	2.26	3.77
Total above varieties ⁵	131,530	145,750	112,970	2.77	3.10	5.18
Valencia:						
Ariz	1,950	3,150	2,900	1.57	2.12	4.70
Calif	24,500	19,700	22,000	2.80	3.94	5.76
Fla	82,400	71,800	79,500	2.88	3.73	5.86
Tex	2,400	2,550	2,250	2.05	3.07	4.60
Total Valencia ⁵	111,250	97,200	106,650	2.82	3.70	5.78
All oranges:						
Ariz	2,680	3,950	3,720	2.49	2.67	5.19
Calif	52,800	45,300	42,000	2.97	3.78	5.90
Fla	181,200	186,800	167,800	2.78	3.27	5.42
Tex	6,100	6,900	6,100	1.98	2.56	4.08
U.S., all oranges ⁵	242,780	242,950	219,620	2.80	3.34	5.47
GRAPEFRUIT						
Ariz	3,080	3,000	2,900	1.51	1.79	1.83
Calif., all	7,200	7,700	7,500	2.11	2.29	2.79
Desert	4,100	4,500	4,300	1.70	1.83	1.77
Other areas	3,100	3,200	3,200	2.66	2.94	4.17
Fla., all	49,100	51,500	51,400	2.37	2.51	2.62
Pink seedless	13,000	12,500	14,300	3.16	2.99	3.25
White seedless	28,300	29,900	28,700	2.19	2.43	2.46
Other	7,800	9,100	8,400	1.70	2.10	2.10
Tex	10,700	12,400	11,900	1.74	1.88	1.54
U.S., all grapefruit ⁵	70,080	74,600	73,700	2.21	2.35	2.43
LEMONS						
Ariz	2,420	5,000	5,700	6.64	3.17	2.77
Calif	15,200	21,000	20,400	5.65	3.65	4.14
U.S., lemons ⁵	17,620	26,000	26,100	5.79	3.56	3.84
LIMES						
Fla	1,080	1,000	460	9.27	11.61	19.10
TANGELOS						
Fla	5,500	4,800	4,900	2.52	2.77	4.69
TANGERINES						
Ariz	660	650	700	5.44	6.25	7.77
Calif	1,300	1,820	1,500	4.64	5.87	5.90
Fla	3,400	3,300	3,200	4.81	5.26	6.50
U.S., tangerines ⁵	5,360	5,770	5,400	4.85	5.56	6.50
TEMPLES						
Fla	5,500	3,800	4,900	2.89	3.39	5.44

¹Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California Desert and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Feb. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested largely from October through April.

²Preliminary.

³Equivalent returns per box at the intake packinghouse door for all methods of sale.

⁴Navel and miscellaneous varieties in Arizona and California; early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas.

⁵Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California Desert, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

Table 322.—Citrus fruits: Production in specified countries, 1976-78¹

Commodity and country	1976	1977	1978 ²	Commodity and country	1976	1977	1978 ²
ORANGES, INCLUDING TANGERINES	1,000 metric tons	1,000 metric tons	1,000 metric tons	GRAPEFRUIT—continued	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				South America:			
Belize	26	28	22	Argentina	170	150	.....
Jamaica	30	26	24	Other Southern Hemisphere:			
Mexico ³	1,283	750	783	Australia	20	22	.....
United States	10,144	9,256	8,729	South Africa	81	90	96
Total	11,483	10,060	9,558	Total	101	112	96
Mediterranean area:				Southern Hemisphere ..	271	262	96
Algeria	506	508	.....	World total	3,662	3,599	3,131
Cyprus	100	109	113				
Egypt	840	747	780	LEMONS			
Greece	533	455	629	North America:			
Israel	968	949	975	United States	896	900	741
Italy	2,258	1,944	1,699	Mediterranean area:			
Lebanon	201	206	.....	Cyprus	30	30	24
Morocco	784	1,055	992	Greece	190	194	175
Spain	2,489	2,542	2,494	Israel	37	29	38
Tunisia	160	177	.....	Italy	792	800	600
Turkey	671	735	780	Lebanon	81	81	.....
Total	9,510	9,427	8,462	Morocco	2	3	8
Far East:				Spain	220	313	239
China, Taiwan	356	342	.....	Tunisia	23	23	.....
Japan	3,575	4,120	3,663	Turkey	278	280	250
Total	3,931	4,462	3,663	Total	1,653	1,753	1,334
Northern Hemisphere ..	24,924	23,949	21,683	Northern Hemisphere ..	2,549	2,653	2,075
South America:				South America:			
Argentina	990	890	.....	Argentina	320	300	.....
Brazil ⁴	3,754	5304	.....	Chile	65	69	71
Chile	45	47	48	Total	385	369	71
Total	4,789	6,241	48	Other Southern Hemisphere:			
Other Southern Hemisphere:				Australia	37	38	.....
Australia	391	377	.....	South Africa	25	35	32
South Africa	463	591	583	Total	62	73	32
Total	854	968	583	Southern Hemisphere ..	447	442	103
Southern Hemisphere ..	5,643	7,209	631	World total	2,996	3,095	2,178
World total	30,567	31,158	22,314				
GRAPEFRUIT							
North America:							
Belize	8	11	4				
Jamaica	19	17	15				
Mexico ³	50	43	40				
Trinidad and Tobago ..	3	4	.....			
United States	2,751	2,721	2,422				
Total	2,831	2,796	2,481				
Mediterranean area:							
Cyprus	46	66	65				
Israel	491	456	470				
Morocco	16	12	10				
Spain	7	7	9				
Total	560	541	554				
Northern Hemisphere ..	3,391	3,337	3,035				

¹Harvesting in Northern Hemisphere countries begins November of the year shown, and in Southern Hemisphere countries begins in May following the year shown.

²Preliminary.

³Four States only (Nuevo León, San Luis Potosí, Tamaulipas, and Veracruz).

⁴Sao Paulo only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 323.—Canned citrus juices, single-strength: United States packs, 1964–77

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>
1964	10,334	465	(²)	10,799	2,435	77	(²)	2,512	187
1965	11,363	699	52	12,114	2,684	227	(³)	2,911	62
1966	14,412	1,381	548	16,341	3,311	373	54	3,738	156
1967	9,817	320	277	10,414	2,043	110	(³)	2,153	49
1968	11,386	1,140	927	13,453	2,295	214	(³)	2,509	92
1969	11,223	⁴ 3,073	(⁴)	14,296	2,192	⁴ 228	(⁴)	2,420	47
1970	11,599	1,947	1,906	15,452	2,186	198	116	2,500	35
1971	10,800	1,718	1,334	13,852	1,807	64	112	1,983	16
1972	13,670	1,484	1,899	17,053	1,898	117	120	2,135	24
1973	10,885	1,676	1,258	13,819	1,782	145	56	1,983	18
1974	10,737	1,115	1,441	13,293	1,493	113	117	1,723	12
1975	10,635	1,570	1,256	13,461	1,687	144	938	2,769	19
1976	10,767	1,183	2,485	14,435	1,308	187	89	1,584	35
1977	11,654	1,748	2,427	15,829	1,664	194	87	1,945	8

¹ Equivalent cases of 24 No. 2 cans.² No pack reported.³ Pack data not available.⁴ Texas included with California and Arizona.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners.

Table 324.—Concentrated citrus juices: Annual packs, Florida, 1964–77

Season beginning December	Frozen concentrated juice				Nonfrozen concentrated juice	
	Orange ¹	Grapefruit	Tangerine	Blend	Orange, 65° Brix	Grapefruit, 60° Brix
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1964	88,869	4,000	1,154	70	70	55
1965	76,695	3,971	715	50	49	31
1966	131,755	5,485	1,120	29	119	32
1967	83,697	1,814	582	10	22	.....
1968	103,750	5,920	1,051	36	31	39
1969	124,947	4,294	785	16	34	40
1970	125,187	6,870	1,090	18	28	89
1971	134,229	8,798	1,220	22	.....	31
1972	176,073	8,658	1,072	3	.....	.....
1973	171,846	9,026	1,019	11	.....	.....
1974	178,174	7,847	1,147	4	.....	.....
1975	186,265	9,316	1,111	1	.....	.....
1976	158,035	11,258	926	18	.....	.....
1977	161,204	13,693	1,672	1	.....	.....

¹ 42° Brix through 1964; 45° Brix thereafter. Includes concentrated juice for manufacture.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from Florida Canners' Association.

FOOTNOTES FOR TABLE 320

¹ See footnote 1, table 321.² Equivalent returns per box at the intake packinghouse door for all methods of sale.³ Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.⁴ Includes small quantities of tangerines in Texas. Excludes Florida temples.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 325.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1964–77

Season	Sections, Florida	Juice (single-strength)			
		Florida	Texas	California and Arizona	Total
	<i>1,000 cases</i> ¹	<i>1,000 cases</i> ¹	<i>1,000 cases</i> ¹	<i>1,000 cases</i> ¹	<i>1,000 cases</i> ¹
1964	3,606	9,770	(²)	1,157	10,927
1965	4,002	12,090	610	1,126	13,826
1966	4,756	17,844	1,767	1,380	20,991
1967	3,412	13,300	750	1,776	15,826
1968	3,396	15,445	3,066	2,024	20,535
1969	3,325	16,423	(³)	³ 5,701	22,124
1970	3,292	19,110	4,650	2,233	25,993
1971	2,571	20,874	3,837	2,066	26,777
1972	2,687	19,059	6,572	2,631	28,262
1973	3,027	20,576	6,013	2,412	29,001
1974	2,236	16,394	2,789	2,446	21,629
1975	1,602	18,890	4,030	2,901	25,821
1976	1,722	18,809	5,867	3,013	27,689
1977	1,753	17,246	4,690	4,443	26,379

¹ Equivalent cases of 24 No. 2 cans.² No pack reported.³ Texas included with California and Arizona.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners.

Table 326.—Citrus products: United States exports by kind, 1964–77

Year beginning November	Orange juice			Grapefruit juice			Blended juices	Grapefruit sections
	Single strength	Concentrate		Single strength	Concentrate			
		Hot pack	Frozen		Hot pack	Frozen		
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 cases¹</i>
1964	4,470	894	2,807	4,186	192	201	1,039	105
1965	6,271	842	3,060	3,109	165	251	1,165	128
1966	11,106	958	4,418	5,358	153	284	1,497	83
1967	13,186	724	4,226	4,472	188	355	981	92
1968	9,283	770	4,227	5,226	206	728	706	84
1969	12,134	1,640	5,816	6,049	360	913	744	63
1970	10,931	1,417	7,708	5,119	276	952	602	76
1971	8,942	1,310	7,925	4,956	288	1,045	678	64
1972	10,129	1,170	11,007	4,857	344	1,461	705	65
1973	10,083	1,395	11,973	4,965	310	1,155	651	88
1974	9,734	931	12,636	4,850	213	1,214	701	100
1975	10,693	1,354	15,161	5,115	306	1,292	674	57
1976	10,472	1,663	17,086	5,445	310	1,988	732	59
1977	9,819	(²)	(²)	4,358	(²)	(²)	(²)	73

¹ Equivalent cases of 24 No. 2 cans.² Omitted because data misleading. Reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, but some custom ports inadvertently failed to do so until later in the year.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 327.—Oranges, fresh: United States exports by country of destination, 1975-77

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1975	1976	1977		1975	1976	1977
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Other countries:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belgium and Luxembourg	11,223	9,993	7,421	Australia	16	32	
Denmark	1,135	1,061	154	Canada	176,566	169,845	150,009
France	11,844	9,128	2,418	China, Taiwan	35	729	
German Dem. Rep.	8,857	393		French Pacific Islands	375	413	333
Germany, Fed. Rep. of	13,144	4,709	2,159	Hong Kong	97,329	99,188	81,081
Netherlands	41,120	30,036	19,974	Indonesia	3,083	2,827	1,901
Norway	1,345	1,726	1,505	Japan	24,870	22,443	43,521
Sweden	2,761	3,967	1,665	Korea, Rep. of	210	169	51
United Kingdom	22,141	16,000	3,750	Malaysia	865	2,021	1,310
Other countries	193	50	67	New Zealand	7,091	7,505	5,080
Total	113,763	77,063	39,113	Other Pacific Islands	59	46	86
Latin America:				Philippines	5	4	
Honduras	34			Saudi Arabia			27
Mexico	831	579	275	Singapore	13,802	14,272	9,697
Panama	17	12	10	Trust Territory of			
Other countries			93	Pacific Islands	25	69	58
Total	848	625	378	Other countries	17	35	59
Bermuda and Caribbean:				Total	324,297	318,888	293,974
Bahamas	540	424	318	Grand total	440,150	397,771	334,973
Bermuda	142	138	222				
Jamaica	59						
Netherlands Antilles	437	542	797				
Other countries	64	91	171				
Total	1,242	1,195	1,508				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 328.—Citrus fruits: Foreign trade, United States, 1964-77

Year ¹	Oranges		Grapefruit		Lemon		Limes		Tangerines	
	Imports ²	Domestic exports ³	Imports ²	Domestic exports ³	Imports ²	Domestic exports ³	Imports ²	Domestic exports ³	Imports ²	Domestic exports ³
	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>
1964	1,084	5,615	19	2,363	3	2,728	43	261		642
1965	707	6,674	6	2,612	2	3,109	43	28		181
1966	301	7,912	20	3,429	1	3,191	32	59		244
1967	1,665	3,610	42	2,395	1	3,301	33	25		241
1968	1,059	7,122	41	3,077	(4)	2,918	37	24		197
1969	914	6,777	100	2,952	(4)	3,580	60	16		245
1970	1,138	6,215	85	2,758	(4)	3,681	39	26		305
1971	1,106	7,652	176	5,149	(4)	4,348	47	23		371
1972	1,225	7,143	217	5,431	1	5,460	52	81		264
1973	1,119	8,190	177	6,643	0	5,396	85	57		241
1974	888	12,568	130	6,435	2	5,321	101	73		340
1975	526	11,552	117	8,051	2	5,860	128	87		390
1976 ¹	1,121	10,690	245	8,043	5	6,667	199	58		413
1977 ¹	630	8,856	79	7,566	(4)	6,068	311	77	150	446

¹ Year beginning October for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; year beginning September for grapefruit; year beginning July for limes.² Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 78 pounds per box; limes, 80 pounds per box; tangerines, 90 pounds per box.³ Exports converted to boxes on the following basis: Oranges and tangerines, 84 pounds per box; grapefruit and limes, 76 pounds per box; lemons, 79 pounds per box. Beginning 1964, oranges, tangerines, lemons, and limes reported separately.⁴ Less than 500 boxes.⁵ Beginning 1977, tangerines reported separately.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 329.—Citrus fruits: International trade, 1975-77

Continent and country	1975		1976		1977	
	Exports	Imports	Exports	Imports	Exports	Imports
ORANGES						
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	.....	236,051	.....	311,750	.....	340,692
Trinidad and Tobago	659	.....	872	.....	200	.....
United States	480,901	28,124	461,142	27,242	410,141	38,847
Total	481,560	264,175	462,014	338,992	410,341	379,539
South America:						
Argentina	5,470	2,866	17,376	.....	30,307	.....
Brazil	74,297	.....	38,229	.....	35,947	.....
Total	79,767	2,866	55,605	.....	66,254	.....
Europe:						
Austria	188	103,862	18	102,783	12	107,835
Belgium and Luxembourg	19,432	188,920	19,400	190,770	18,216	195,538
Denmark	2,953	41,221	2,965	33,085	2,198	41,148
Finland .....	.....	85,407	.....	77,851	.....	.....
France	18,621	798,732	20,661	839,052	24,983	870,877
Germany, Fed. Rep. of	13,125	815,444	14,284	819,403	16,255	860,153
Greece	169,108	.....	.....	.....	.....	.....
Ireland .....	.....	21,584	.....	21,379	.....	23,054
Italy	153,680	12	215,999	133	271,791	37
Netherlands	68,679	362,279	48,197	359,137	51,571	356,900
Norway .....	.....	63,367	.....	62,851	.....	64,044
Spain	1,509,625	.....	1,526,459	.....	1,468,657	.....
Sweden	6,262	111,036	4,445	115,610	4,685	115,622
Switzerland	34	103,819	392	107,157	110	105,576
United Kingdom .....	.....	418,301	.....	.....	.....	.....
Yugoslavia .....	.....	73,172	.....	83,154	.....	97,221
Total	1,961,707	3,187,156	1,852,820	2,812,365	1,858,478	2,838,005
Africa:						
Algeria .....	.....	.....	75,542	.....	.....	.....
Morocco	444,783	.....	520,565	.....	550,645	.....
South Africa	304,030	.....	316,164	.....	300,549	.....
Tunisia	23,128	.....	.....	.....	.....	.....
Total	771,941	.....	912,271	.....	851,194	.....
Asia:						
Cyprus	22,948	.....	26,554	.....	29,436	.....
Hong Kong	8,174	144,514	11,816	137,002	6,497	143,613
Israel and Palestine	655,223	.....	652,595	.....	639,695	.....
Japan	18,728	22,116	19,877	24,401	20,876	22,499
Turkey	33,627	.....	.....	.....	.....	.....
Total	738,700	166,630	710,842	161,403	696,504	166,112
Oceania:						
Australia	15,280	.....	11,059	.....	20,507	.....
Grand total	4,048,955	3,620,827	4,004,611	3,312,760	3,903,278	3,383,656
GRAPEFRUIT						
North America:						
Canada .....	.....	85,491	.....	95,682	.....	80,323
Trinidad and Tobago	343	.....	495	.....	324	.....
United States	251,477	3,926	290,521	6,520	266,577	7,910
Total	251,820	89,417	291,016	102,202	266,901	88,233

See footnotes at end of table.

Table 329. — Citrus fruits: International trade, 1975–1977 — Continued

Continent and country	1975		1976		1977	
	Exports	Imports	Exports	Imports	Exports	Imports
GRAPEFRUIT — continued						
South America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Argentina	10,355	.....	12,200	.....	17,103	.....
Brazil	475	.....	852	.....	28	.....
Total	10,830	.....	13,052	.....	17,131	.....
Europe:						
Belgium and Luxembourg	2,376	17,667	2,889	19,208	3,226	18,458
Denmark	129	3,070	187	3,584	41	3,597
Finland . . . . .	.....	7,129	.....	5,766	.....	.....
France	690	91,564	1,891	100,017	805	99,229
Germany, Fed. Rep. of	1,563	104,575	2,958	115,382	2,585	118,149
Netherlands	21,651	44,198	29,794	63,123	31,759	58,204
Sweden	430	6,718	489	7,335	227	7,007
United Kingdom . . . . .	.....	104,731	.....	.....	.....	.....
Total	26,839	379,652	38,208	314,415	38,643	304,644
Africa:						
Algeria . . . . .	.....	.....	1,166	.....	.....	.....
Morocco	637	.....	1,125	.....	1,323	.....
South Africa	62,128	.....	59,449	.....	54,768	.....
Total	62,765	.....	61,740	.....	56,091	.....
Asia:						
Cyprus	30,032	.....	28,159	.....	.....	40,250
Israel and Palestine	269,204	.....	253,745	.....	300,163	.....
Total	299,236	.....	281,904	.....	300,163	40,250
Grand total	651,490	469,069	685,920	416,617	678,929	433,127
LEMONS						
North America:						
Canada . . . . .	.....	19,059	.....	18,900	.....	18,966
United States	180,453	11	222,672	.....	234,036	166
Total	180,453	19,070	222,672	18,900	234,036	19,132
Europe:						
Austria	3	24,604	.....	26,746	.....	25,632
Belgium	1,454	19,826	1,259	21,766	1,076	20,179
Denmark	222	6,631	216	7,468	153	6,929
Finland . . . . .	.....	3,746	.....	3,848	.....	.....
France	926	102,128	1,748	115,090	1,988	111,863
Germany, Fed. Rep. of	1,205	116,649	1,287	125,805	2,172	118,970
Greece	92,927	.....	.....	.....	.....	.....
Ireland . . . . .	.....	1,495	.....	1,478	.....	1,496
Italy	257,769	.....	270,819	.....	216,206	.....
Netherlands	9,269	21,151	7,687	20,339	7,069	18,962
Spain	89,979	.....	161,208	.....	157,839	.....
Sweden	478	7,560	374	7,380	264	7,092
Switzerland . . . . .	.....	17,064	32	18,140	19	15,533
United Kingdom . . . . .	.....	38,135	.....	.....	.....	.....
Yugoslavia . . . . .	.....	37,321	.....	40,901	.....	37,117
Total	454,232	396,310	444,630	388,961	386,786	363,773
Africa:						
Morocco	267	.....	244	.....	251	.....
South Africa	13,993	.....	13,547	.....	15,048	.....
Total	14,260	.....	13,791	.....	15,299	.....

See footnotes at end of table.

Table 329.—Citrus fruits: International trade, 1975-77—Continued

Continent and country	1975		1976		1977	
	Exports	Imports	Exports	Imports	Exports	Imports
LEMONS—continued						
Asia:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cyprus	8,203	.....	6,644	.....	9,664	.....
Israel and Palestine	19,809	.....	18,872	.....	17,414	.....
Japan .....	.....	64,051	.....	92,768	.....	104,684
Turkey	65,468	.....	.....	.....	.....	.....
Total	93,480	64,051	25,516	92,768	27,078	104,684
Grand total	742,425	479,431	706,609	500,629	663,199	487,589

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 330.—Dates: Production, season average price per ton, and value, California, 1964-78

Year	Production	Price ¹	Value	Year	Production	Price ¹	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	24,300	148	3,596	1972	15,700	173	2,716
1965	21,000	164	3,444	1973	23,100	198	4,574
1966	21,300	144	3,067	1974	22,700	222	5,039
1967	20,800	151	3,141	1975	24,800	298	7,390
1968	23,000	164	3,772	1976	22,400	346	7,750
1969	16,500	154	2,541	1977	25,400	338	8,585
1970	18,200	149	2,712	1978 ²	24,650	447	11,019
1971	19,500	159	3,101				

¹ Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 331.—Dates: Foreign trade, United States, 1964-77

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>Tons</i>		<i>Tons</i>		<i>Tons</i>
1964	18,507	1969	10,901	1974	12,442
1965	14,540	1970	13,010	1975	19,427
1966	14,429	1971	14,826	1976 ¹	18,498
1967	12,975	1972	17,623	1977 ¹	18,227
1968	13,782	1973	15,654		

¹ Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 332.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1964–78¹

Year	Area harvested	Yield per acre ²	Total production ³	Utilized production	Price ⁴	Value	Quantities processed ⁵
	<i>Acres</i>	<i>Barrels⁶</i>	<i>Barrels⁶</i>	<i>Barrels⁶</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Barrels⁶</i>
1964	20,620	64.2	1,324,500	1,324,500	14.40	19,109	842,600
1965	20,640	68.9	1,422,800	1,422,800	15.50	22,072	978,300
1966	20,560	76.4	1,571,600	1,571,600	15.20	23,841	1,160,600
1967	21,020	66.8	1,404,300	1,404,300	14.80	20,794	1,034,400
1968	21,235	69.1	1,466,800	1,466,800	15.40	22,537	1,108,500
1969	21,285	85.7	1,823,100	1,823,100	15.50	28,241	1,412,600
1970	21,745	93.7	2,036,600	1,844,600	10.70	19,675	1,400,000
1971	22,410	101.1	2,264,800	1,639,800	10.70	17,599	1,158,800
1972	22,590	92.0	2,078,000	2,078,000	12.50	26,021	1,567,100
1973	23,100	90.9	2,100,300	2,100,300	13.50	28,384	1,470,200
1974	23,400	95.6	2,236,000	2,236,000	11.00	24,715	1,486,700
1975	23,300	89.1	2,075,100	2,075,100	13.10	27,112	1,444,200
1976	23,080	104.3	2,407,300	2,407,300	13.50	32,424	1,755,500
1977	22,540	93.3	2,102,200	2,102,200	18.10	38,154	1,454,000
1978 ⁷	23,160	106.2	2,458,500	2,458,500	21.50	52,903	1,917,700

¹ Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.² Derived from total production.³ Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order.⁴ Equivalent returns for fruit at the first receiving station.⁵ Mainly for canning.⁶ Barrels of 100 pounds.⁷ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 333.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1976–78

State	Area harvested			Yield per acre			Total production			Price ² for crop of —		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Mass . . .	11,200	11,200	11,200	83.5	78.1	105.4	935,000	875,000	1,180,000	13.40	17.70	21.60
N.J. . . .	3,100	3,000	3,000	89.0	52.3	74.3	276,000	157,000	223,000	13.50	18.80	21.70
Oreg . . .	880	840	860	101.5	95.5	109.9	89,300	80,200	94,500	13.60	18.90	21.70
Wash . . .	1,100	1,100	1,100	93.6	123.6	126.4	103,000	136,000	139,000	13.60	18.90	21.70
Wis . . .	6,800	6,400	7,000	147.6	133.4	117.4	1,004,000	854,000	822,000	13.50	18.30	21.30
U.S. . .	23,080	22,540	23,160	104.3	93.3	106.2	2,407,300	2,102,200	2,458,500	13.50	18.10	21.50

¹ Preliminary.² Average price of utilized production.³ Barrels of 100 pounds.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 334.—Figs: Production, season average price per ton, and value, California, 1964–78

Year	Dried (dry basis)					Fresh and canned			Total		
	Production			Price	Value	Production (fresh basis)	Price ¹	Value	Production (fresh basis) ²	Price ¹	Value
	Total	Standard	Sub standard								
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	19,000	16,800	2,200	237.00	4,503	10,000	181.00	1,810	67,000	94.20	6,313
1965	18,400	14,500	3,900	191.00	3,514	6,000	179.00	1,074	61,200	75.00	4,588
1966	20,600	18,400	2,200	188.00	3,873	6,000	182.00	1,092	67,800	73.20	4,965
1967	12,200	10,900	1,300	210.00	2,562	5,600	200.00	1,120	42,200	87.30	3,682
1968	15,800	13,000	2,800	212.00	3,350	4,200	271.00	1,138	51,600	87.00	4,488
1969	17,690	14,370	3,320	204.00	3,609	5,430	276.00	1,499	58,500	87.30	5,107
1970	14,070	12,280	1,790	219.00	3,081	7,390	276.00	2,040	49,600	103.00	5,109
1971	13,440	10,370	3,070	203.00	2,728	5,280	230.00	1,214	45,600	86.50	3,944
1972	11,050	8,950	2,100	389.00	4,298	3,250	258.00	839	36,400	141.00	5,132
1973	12,420	11,220	1,200	680.00	8,446	4,340	267.00	1,159	41,600	231.00	9,610
1974	13,200	11,430	1,770	678.00	8,950	5,000	284.00	1,420	44,600	233.00	10,392
1975	11,610	8,840	2,770	585.00	6,792	3,170	236.00	748	38,000	198.00	7,524
1976	10,070	7,000	3,070	522.00	5,257	1,900	271.00	515	32,100	180.00	5,778
1977	12,700	11,000	1,700	869.00	11,036	3,400	345.00	1,173	41,500	295.00	12,243
1978	8,900	6,800	2,100	940.00	8,366	3,700	352.00	1,302	30,400	318.00	9,667

¹ Equivalent returns per ton for bulk fruit at the first delivery point for fresh sales. Quantities processed are priced at the equivalent processing plant door level.

² Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 335.—Figs, dried: Foreign trade, United States, 1964–77

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>
1964	2,471	829	1969	1,253	810	1974	1,246	816
1965	1,807	842	1970	1,731	1,185	1975	1,954	1,104
1966	1,677	845	1971	1,472	1,423	1976 ¹	3,540	784
1967	1,385	919	1972	2,037	937	1977 ¹	3,713	1,444
1968	2,341	797	1973	1,561	1,444			

¹ Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 336.—Grapes: Production, value, and raisin production, United States, 1964–78

Year	Grapes				Raisins, production (California) ²	Year	Grapes				Raisins, production (California) ²
	Production (fresh basis)		Season average price per ton ¹	Value			Production (fresh basis)		Season average price per ton ¹	Value	
	Total	Utilized					Total	Utilized			
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>
1964	3,478	3,478	62.90	218,658	231	1972	2,579	2,579	165.00	426,238	105
1965	4,351	4,326	45.10	195,084	270	1973	4,198	4,198	162.00	681,675	224
1966	3,734	3,733	55.60	207,706	280	1974	4,199	4,199	139.00	582,289	242
1967	3,069	3,062	69.30	212,319	181	1975	4,366	4,365	142.00	618,178	283
1968	3,549	3,549	66.60	236,374	264	1976	4,398	4,093	155.00	635,570	283
1969	3,898	3,898	72.50	282,514	251	1977	4,298	4,296	194.00	834,794	248
1970	3,103	3,103	94.20	292,263	193	1978 ³	4,567	4,318	231.00	997,213	229
1971	3,994	3,994	96.00	383,267	194						

¹Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

²Dried basis; 1 ton of raisins equivalent to about 4–4.5 tons of fresh grapes. Excludes table varieties dried.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 337.—Grapes: Production and season average price per ton, by States, 1976–78

State	Total production			Utilized production			Price ² for crop of —		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ariz	12,400	11,000	14,300	12,400	11,000	14,300	725.00	955.00	943.00
Ark	6,500	9,600	8,200	6,500	9,600	8,200	169.00	232.00	247.00
Calif.:									
All varieties ³	3,978,000	3,986,000	4,017,000	3,685,000	3,986,000	3,769,000	152.00	190.00	229.00
Wine varieties ..	1,323,000	1,563,000	1,706,000	1,323,000	1,563,000	1,706,000	136.00	175.00	210.00
Table varieties ..	405,000	488,000	393,000	405,000	488,000	393,000	217.00	269.00	342.00
Raisin varieties ⁴	2,250,000	1,935,000	1,918,000	1,957,000	1,935,000	1,670,000	150.00	183.00	222.00
Dried ⁵	283,000	248,300	228,500	218,000	248,300	172,200	706.00	840.00	1,001.00
Not dried	976,000	803,000	912,000	976,000	803,000	912,000	143.00	180.00	217.00
Mich	14,500	33,000	67,500	14,500	33,000	67,500	153.00	216.00	206.00
Mo	1,750	3,850	3,300	1,750	3,850	3,300	228.00	213.00	231.00
N.J.*	750	1,100	.....	750	1,100	.....	210.00	233.00	.....
N.Y.	185,000	101,000	188,000	173,500	101,000	188,000	181.00	234.00	245.00
N.C.	4,580	4,650	6,800	4,080	3,700	5,900	266.00	320.00	300.00
Ohio	15,000	7,100	12,000	14,700	7,000	12,000	183.00	225.00	223.00
Pa	59,000	30,000	57,500	59,000	29,650	57,500	168.00	231.00	232.00
Wash	115,900	105,600	187,000	115,900	105,600	187,000	132.00	205.00	209.00
Other States ⁶	4,950	4,850	5,100	4,900	4,700	5,100	209.00	225.00	228.00
U.S.	4,398,330	4,297,750	4,566,700	4,092,980	4,296,200	4,317,800	155.00	194.00	231.00

¹Preliminary.

²Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

³Price derived from unrounded data.

⁴Fresh equivalent of dried and not dried.

⁵Dried basis; 1 ton of raisins is equivalent to 4.50 tons of fresh grapes for 1976, 4.56 tons for 1977, and 4.40 tons for 1978.

⁶Georgia and South Carolina.

*Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 338.—Grapes: Production and utilization, United States, 1964-78

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice, etc. ²
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1964	3,478,000	3,478,000	551,883	60,000	1,034,800	1,831,317	.....
1965	4,351,260	4,325,960	599,574	³ 54,800	1,287,000	³ 2,374,586	.....
1966	3,733,640	3,733,340	597,350	62,000	1,185,700	1,888,290	.....
1967	3,069,040	3,062,190	466,750	54,000	751,800	1,789,640	.....
1968	3,549,040	3,549,040	557,967	64,000	1,111,100	1,815,973	.....
1969	3,897,510	3,897,510	561,963	66,300	1,010,200	2,054,155	204,892
1970	3,103,330	3,103,330	390,006	53,700	821,800	1,583,229	254,595
1971	3,994,420	3,994,420	392,650	58,400	895,900	2,309,740	337,730
1972	2,578,650	2,578,650	358,585	50,500	437,400	1,520,190	211,975
1973	4,198,350	4,198,350	405,805	59,000	969,300	2,567,328	196,917
1974	4,198,800	4,198,800	434,490	61,200	1,023,800	2,415,711	263,599
1975	4,366,350	4,365,070	498,190	52,700	1,252,400	2,275,480	286,300
1976	4,398,330	4,092,980	466,330	48,000	982,500	2,321,710	274,440
1977	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350
1978 ⁴	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100

¹ Includes "Home use."² Mostly juice, but includes some quantities used for jam, jelly, etc. Prior to 1969, these quantities included with wine.³ Some quantities canned are included in "Crushed for wine" to avoid disclosure of individual operations.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 339.—Grapes: Production and utilization, by States, crop of 1978 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Crushed for—	
						Wine	Juice, etc.
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Ariz	14,300	14,300	14,300	.....	.....	.....	.....
Calif:							
All varieties	4,017,000	3,769,000	412,000	55,000	759,000	2,543,000	.....
Wine varieties	1,706,000	1,706,000	65,000	.....	.....	1,641,000	.....
Table varieties	393,000	393,000	192,000	.....	1,000	200,000	.....
Raisin varieties	1,918,000	1,670,000	155,000	55,000	² 758,000	702,000	.....
Mich	67,500	67,500	2,100	.....	.....	4,200	61,200
N.Y.	188,000	188,000	2,700	.....	.....	88,600	96,700
Ohio	12,000	12,000	500	.....	.....	(³)	9,200
Pa	57,500	57,500	1,300	.....	.....	13,900	42,300
Wash	187,000	187,000	600	.....	.....	9,400	177,000
Other States ⁴	23,400	22,500	3,750	.....	.....	12,350	8,700
U.S.	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100

¹ Includes "Home use"² Equivalent raisins produced (dried basis): 228,500 tons.³ Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. total.⁴ Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 340.—Raisins and currants: United States exports by country of destination, 1975–77

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1975	1976	1977		1975	1976	1977
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Bermuda and Caribbean:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Austria	37	17	92	Bahamas	64	42	62
Belgium and Luxembourg	1,124	742	1,424	Bermuda	59	98	41
Denmark	2,533	1,966	2,374	Dominican Republic	125	81	100
Finland	3,096	2,665	2,113	Haiti	4	8	16
France	407	152	734	Jamaica	53	9	2
Germany, Fed. Rep. of	2,489	1,444	3,372	Netherlands Antilles	67	58	81
Iceland	188	40	151	Trinidad and Tobago	42	19	43
Ireland	125	38	51	Other countries	6	4	33
Netherlands	2,186	1,074	2,050	Total	420	319	378
Norway	2,178	1,094	1,684	Other countries:			
Sweden	3,772	2,759	3,162	Canada	8,660	6,141	7,208
Switzerland	838	640	797	China, Taiwan	1,432	236	1,280
United Kingdom	7,859	2,599	2,394	Hong Kong	458	163	400
Other countries	56	38	30	Indonesia	48	52	77
Total	26,888	15,268	20,428	Japan	21,574	11,483	16,917
Latin America:				Korea, Rep. of	267	86	266
Bolivia	1	13	22	Malaysia	298	226	350
Brazil	159	1	224	New Zealand	1,481	594	873
Colombia	16	110	235	Philippines	184	60	111
Costa Rica	21	13	27	Saudi Arabia	17	78	50
Ecuador	109	77	140	Singapore	902	259	464
El Salvador	12	26	16	Soviet Union			1,486
Guatemala	50	45	64	Thailand	91	151	142
Honduras	31	8	39	Other countries	137	70	348
Mexico	388	59	131	Total	35,549	19,599	29,972
Nicaragua	29	21	36	Grand total	64,875	36,455	53,237
Panama	176	97	185				
Venezuela	985	791	1,291				
Other countries	41	8	49				
Total	2,018	1,269	2,459				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 341.—Grapes and raisins: Foreign trade, United States, 1964–77

Year	Grapes		Raisins ¹		Year	Grapes		Raisins ¹	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
1964	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	1971	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1965	25,732	101,106	156	60,005	1972	12,699	140,649	3,524	80,074
1966	28,125	131,247	167	76,238	1973	9,859	103,016	3,291	25,246
1967	15,502	125,173	229	71,849	1974	14,983	114,112	1,380	53,817
1968	23,274	113,757	1,003	74,732	1975	21,202	116,056	28	59,775
1969	15,884	119,023	1,290	77,742	1976 ²	23,975	120,620	326	71,510
1970	16,358	143,975	1,006	80,986	1977 ²	33,520	98,801	13,143	40,828
	22,231	114,298	1,112	67,448		30,968	112,605	1,100	62,688

¹ Raisins converted to sweatbox or production basis by multiplying by 1.08.² Year beginning October for both grapes and raisins. Prior to 1976, year beginning July for grapes; September for raisins.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 342.—Nectarines: Production, utilization, and value, California, 1964-78

Crop of—	Production ¹	Utilization of quantities sold		Season average price per ton ³	Value
		Fresh ²	Processed (fresh basis)		
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	75,000	73,200	1,800	94.50	7,088
1965	64,800	63,700	1,100	86.00	5,573
1966	68,000	67,200	800	142.00	9,656
1967	55,000	54,300	700	157.00	8,635
1968	64,000	63,100	900	147.00	9,408
1969	66,000	65,000	1,000	140.00	9,240
1970	66,500	65,300	1,200	152.00	10,108
1971	70,000	69,100	900	155.00	10,850
1972	87,000	86,400	600	177.00	15,399
1973	86,500	85,600	900	255.00	22,058
1974	117,000	115,600	1,400	228.00	26,676
1975	111,000	110,000	1,000	275.00	30,525
1976	128,000	127,500	500	245.00	31,360
1977	155,000	155,000	.....	205.00	31,775
1978 ⁵	148,000	144,700	3,300	310.00	45,880

¹ Production is the quantity sold or utilized.² Includes "Home use".³ Fresh fruit prices are equivalent returns at first delivery point. Processing fruit prices are equivalent returns at processing plant door.⁴ Excludes 2,200 tons not harvested for 1965.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 343.—Olives: Production, value, and utilization, California, 1964-78

Year	Production ¹	Season average price per ton ²	Value	Utilization		
				Crushed for oil ³	Canned	Other ⁴
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1964	54,000	139.00	7,506	6,200	37,500	9,400
1965	50,000	219.00	10,950	4,300	37,800	7,300
1966	63,000	241.00	15,183	4,800	45,500	11,900
1967	14,000	384.00	5,376	1,470	10,230	2,000
1968	86,000	368.00	31,648	4,600	62,800	18,000
1969	70,000	329.00	23,030	5,200	51,700	12,500
1970	52,000	247.00	12,844	4,100	39,200	8,100
1971	55,000	148.00	8,140	4,900	39,600	9,800
1972	24,200	415.00	10,043	700	20,000	3,300
1973	70,000	392.00	27,440	4,300	54,300	10,700
1974	58,500	434.00	25,389	3,100	46,700	7,800
1975	67,000	336.00	22,512	3,800	53,300	9,000
1976	80,000	330.00	26,400	3,700	65,500	10,200
1977	43,000	403.00	17,329	2,300	32,300	7,800
1978 ⁵	126,000	184.00	23,184	6,500	98,900	19,500

¹ Production is the quantity sold or utilized.² Quantities processed are priced at the equivalent processing plant door level.³ About 40 gallons of oil are obtained from 1 ton of olives.⁴ Includes Spanish, Greek, and Sicilian styles, and chopped, minced, brined, and other cures.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 344.—Olives and olive oil: Foreign trade, United States, 1964–77

Year beginning July ¹	Imports				Year beginning July	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	15,171	785	54,847	945	1971 . . .	16,499	1,363	67,577	334
1965	12,541	922	45,334	224	1972 . . .	17,440	1,181	57,703	261
1966	14,936	1,041	55,293	1,415	1973 . . .	16,738	1,518	52,923	250
1967	13,716	1,514	56,608	1,417	1974 . . .	14,079	1,173	48,427	200
1968	17,066	1,316	59,940	297	1975 . . .	15,323	643	59,232	129
1969	15,912	688	60,156	360	1976 ¹ . .	15,481	1,465	56,288	189
1970	16,328	1,774	64,349	250	1977 ¹ . .	17,809	1,071	59,456	142

¹ Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics and Foreign Agricultural Service. Compiled from the reports of the U.S. Department of Commerce.

Table 345.—Peaches: Production and value, United States, 1964–78

Year	Total produc- tion	Utilized produc- tion	Season average price ¹	Value	Year	Total produc- tion	Utilized produc- tion	Season average price ¹	Value
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>
1964	3,452.6	3,276.3	4.60	150,736	1972 ..	2,371.5	2,249.5	6.9	155,286
1965	3,473.8	3,152.3	4.42	139,282	1973 ..	2,590.9	2,412.7	8.3	199,060
1966	3,389.2	3,194.4	5.13	163,788	1974 ..	2,917.2	2,756.3	9.5	260,722
1967	2,687.7	2,525.3	6.26	158,025	1975 ..	2,838.9	2,648.9	10.4	275,598
1968	3,636.7	3,395.4	5.29	179,705	1976 ..	3,020.0	2,642.4	9.6	253,922
1969	3,684.3	3,410.0	5.23	178,246	1977 ..	2,983.0	2,852.2	9.9	281,740
1970	2,995.8	2,786.3	6.04	168,315	1978 ² ..	2,701.0	2,561.0	12.1	309,418
1971	2,882.6	2,742.3	6.07	166,587					

¹ Quantities processed are priced at the equivalent processing plant door level.² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 346.—Peaches: Foreign trade, United States, 1964–77

Year beginning July	Domestic exports					
	Fresh	Dried ¹	Canned	Canned, in fruit salad ²	Dried, in fruit salad ^{1 3}	Total, in terms of fresh ⁴
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 bushels</i>
1964	20,089	1,018	236,595	67,980	1,313	7,059
1965	36,983	1,133	201,121	53,567	1,654	6,399
1966	26,813	1,260	229,094	61,157	1,142	6,884
1967	26,432	702	88,861	37,903	1,057	3,395
1968	38,115	267	114,887	44,792	826	4,247
1969	45,526	3,131	227,261	50,498	905	7,202
1970	38,813	4,335	168,151	34,785	712	5,620
1971	49,706	305	119,640	31,344	764	4,305
1972	54,825	532	111,353	39,470	733	4,431
1973	57,491	393	127,934	46,290	713	4,955
1974	50,028	668	98,031	33,359	812	3,951
1975	62,730	449	96,621	32,059	853	4,138
1976 ⁵	60,891	1,139	118,089	36,435	749	4,706
1977 ⁵	65,059	(⁶)	181,333	38,038	860	5,936

See footnotes on page 237.

Table 347.—Peaches: Production and season average price per pound, 1976–78

State	Total production			Utilized production			Price ² for crop of—		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ala	14.0	10.0	15.0	14.0	10.0	15.0	15.3	14.9	16.6
Ark	72.0	40.0	37.0	41.1	39.0	36.0	11.6	11.3	12.5
Calif.: Freestone . .	464.0	468.0	400.0	464.0	468.0	400.0	7.4	8.9	11.6
Colo	14.5	18.0	5.5	14.0	145	5.5	16.8	13.7	17.6
Conn	4.1	6.0	6.3	4.1	6.0	6.3	26.0	24.0	29.0
Del	1.6	2.4	2.3	1.6	2.4	2.3	17.0	12.5	10.5
Ga	200.0	90.0	120.0	140.0	90.0	120.0	12.0	15.3	15.6
Idaho	12.0	12.5	11.0	12.0	12.5	11.0	10.0	12.0	12.5
Ill	20.0	9.0	16.0	20.0	9.0	16.0	14.5	16.4	21.9
Ind	5.5	1.0	5.0	5.5	1.0	5.0	9.6	23.0	22.0
Kans	4.0	9.0	5.0	4.0	9.0	5.0	16.5	15.0	17.6
Ky	9.0	.1	11.0	9.0	.1	11.0	15.3	14.6	20.0
La	7.0	6.5	6.5	7.0	6.5	6.5	16.0	20.0	20.0
Md	18.0	21.0	24.0	18.0	21.0	24.0	13.3	13.5	13.3
Mass	3.3	3.5	3.5	3.3	3.5	3.5	26.0	22.0	29.0
Mich	40.0	55.0	60.0	40.0	55.0	60.0	14.1	15.6	16.0
Miss	5.0	4.0	4.0	5.0	4.0	4.0	15.0	17.0	20.0
Mo	22.5	11.0	14.0	22.5	11.0	14.0	18.8	20.0	16.0
N.J	80.0	110.0	70.0	75.0	110.0	70.0	16.2	17.0	23.6
N.Y	9.5	13.0	16.0	9.5	13.0	16.0	17.0	17.5	18.5
N.C	25.0	35.0	45.0	25.0	35.0	45.0	13.3	12.4	16.0
Ohio	15.0	3.0	5.0	15.0	3.0	5.0	18.7	23.5	23.7
Okla	8.0	10.0	8.5	8.0	9.5	8.5	14.0	11.5	14.2
Oreg	15.0	18.0	13.0	15.0	18.0	13.0	17.6	14.7	17.9
Pa	90.0	95.0	85.0	90.0	95.0	85.0	13.0	12.9	15.8
S.C	270.0	275.0	315.0	265.0	267.0	300.0	14.4	14.2	15.5
Tenn	8.0	8.0	8.4	8.0	8.0	8.4	13.5	13.0	16.0
Tex	17.0	48.0	40.0	16.0	46.0	37.0	18.0	14.0	17.0
Utah	18.0	18.0	15.0	17.8	17.5	15.0	12.7	12.6	17.0
Va	15.0	19.0	40.0	15.0	19.0	40.0	12.9	12.0	14.3
Wash	50.0	41.0	38.0	49.0	41.0	38.0	8.8	10.3	14.4
W.Va	15.0	15.0	25.0	15.0	14.7	25.0	14.4	14.5	17.8
Total above	1,522.0	1,475.0	1,470.0	1,448.4	1,459.2	1,451.0	11.8	12.6	15.1
Calif.: Clingstone ³	1,498.0	1,508.0	1,231.0	1,194.0	1,393.0	1,110.0	6.9	7.0	8.1
U.S	3,020.0	2,983.0	2,701.0	2,642.4	2,852.2	2,561.0	9.6	9.9	12.1

¹ Preliminary. ² Quantities processed are priced at the equivalent processing plant door level. ³ Mainly for canning. Total production includes culls and cannery diversions as follows (million pounds): 154.0 in 1976, 115.0 in 1977, and 121.0 in 1978.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 348.—Peaches, fresh: Production in specified countries, 1976–78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Asia:			
Canada	49.0	42.8	42.9	Japan	267.1	273.2	295.1
United States	1,369.9	1,353.1	1,225.2	Turkey	192.0	185.0	190.0
Total	1,418.9	1,395.9	1,268.1	Total	459.1	458.2	485.1
Europe:				Southern Hemisphere:			
Austria	8.0	5.2	9.2	Argentina	287.0	283.0	250.0
France	522.0	325.0	412.0	Australia	79.1	66.3	61.3
Germany, Fed. Rep. of	17.1	12.0	35.7	Chile	115.0	126.3	130.3
Greece	333.0	342.0	356.0	New Zealand	23.5	22.6	17.2
Italy	1,447.5	1,183.0	1,150.0	South Africa	176.6	175.2	155.0
Spain	447.0	195.5	450.0	Total	681.2	673.4	613.8
Yugoslavia	83.2	72.1	70.0	Total specified countries	5,417.0	4,662.3	4,849.9
Total	2,857.8	2,134.8	2,482.9				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 349.—Peaches: Production and utilization, United States, 1964–78

Crop of—	Total produc- tion	Utilized produc- tion	Utilization of quantities sold				
			Fresh ¹	Processed (fresh basis)			
				Canned ²	Dried	Frozen	Other ³
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	3,452.6	3,276.3	1,151.2	1,939.6	67.4	106.9	11.2
1965	3,473.8	3,152.3	1,338.5	1,646.7	70.6	82.3	14.2
1966	3,389.2	3,194.4	1,222.7	1,828.6	44.0	88.2	10.9
1967	2,687.7	2,525.3	966.8	1,413.4	25.5	96.9	22.7
1968	3,636.7	3,395.4	1,338.8	1,874.6	36.6	109.6	35.8
1969	3,684.3	3,410.0	1,384.8	1,876.3	56.2	64.2	28.5
1970	2,995.8	2,786.3	1,181.5	1,476.6	36.4	73.7	18.1
1971	2,882.6	2,742.3	1,201.0	1,397.1	29.8	86.3	28.1
1972	2,371.5	2,249.5	844.9	1,268.8	24.0	65.3	46.5
1973	2,590.9	2,412.7	935.2	1,325.4	24.0	104.9	23.2
1974	2,917.2	2,756.3	952.0	1,650.6	29.0	78.1	46.6
1975	2,838.9	2,648.9	1,102.9	1,432.0	38.0	52.7	23.3
1976	3,020.0	2,642.4	1,151.9	1,326.3	30.0	109.8	24.4
1977	2,983.0	2,852.2	1,170.5	1,504.7	42.0	109.8	25.2
1978 ⁴	2,701.0	2,561.0	1,180.5	1,231.8	35.0	69.8	43.9

¹ Includes "Home use."² Includes some quantities frozen and otherwise processed prior to 1969.³ Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 350.—Peaches: Production and utilization, by States, crop of 1978 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Frozen	Other ²
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Calif., all	1631.0	1,510.0	234.0	1,160.0	35.0	.....	11.0
Clingstone	1231.0	1,110.0	4.0	1,095.0	.....	.....	11.0
Freestone	400.0	400.0	230.0	65.0	35.0	.....	.....
Ga.	120.0	120.0	98.9	(³)	.....	(³)	(³)
N.J.	70.0	70.0	(³)	(³)	.....	(³)	.....
Pa.	85.0	85.0	70.4	(³)	.....	(³)	.....
S.C.	315.0	300.0	270.0	23.4	.....	(³)	(³)
Wash.	38.0	38.0	(³)	(³)	.....	.....	(³)
Other States ⁴	442.0	438.0	507.2	48.4	.....	.....	32.9
U.S.	2,701.0	2,561.0	1,180.5	1,231.8	35.0	69.8	43.9

¹ Includes "Home Use."² Used for jams, preserves, brandy, etc.³ Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.⁴ Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 351.—Peaches, canned: United States exports by country of destination, 1975–1977

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1975	1976	1977		1975	1976	1977
	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>		<i>1,000 cases¹</i>	<i>1,000 cases¹</i>	<i>1,000 cases¹</i>
Europe:				Bermuda and Carribean:			
Austria	42	36	53	Bahamas	6	1	1
Belgium and Luxembourg	71	94	46	Bermuda	9	8	4
Denmark	18	11	15	Netherlands Antilles	4	4	3
Finland	36	25	34	Other countries	6	3	3
France	39	4	9				
Germany, Fed. Rep. of	258	332	1009	Total	25	16	11
Netherlands	84	98	97				
Norway	32	43	56	Other countries:			
Sweden	86	92	68	Canada	1054	1,030	1,085
Switzerland	14	29	48	China, Taiwan	20	20	36
United Kingdom	8	3	116	Hong Kong	13	17	21
Other countries	24		3	Japan	170	557	705
				Kuwait	3	14	5
Total	712	767	1554	Saudi Arabia	5	18	27
				Singapore	7	20	20
Latin America:				Other countries	30	37	43
Panama	12	22	27				
Peru	6			Total	1302	1,713	1,942
Venezuela	3	4	2				
Other countries	17	20	21	Grand total	2,077	2,542	3,557
Total	38	46	50				

¹ Equivalent cases, 45-pound net weight.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 352.—Pears: Production and value, United States, 1964–78

Year	Total production	Utilized production	Season average price	Value	Year	Total production	Utilized production	Season average price	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
1964	728,470	718,565	92.30	66,359	1972	612,100	608,680	139.00	84,426
1965	499,850	496,225	132.00	65,550	1973	730,420	725,840	138.00	100,104
1966	748,170	720,915	87.80	63,273	1974	741,720	740,660	169.00	125,389
1967	463,880	452,780	164.00	74,073	1975	749,300	743,000	143.00	105,999
1968	624,140	617,680	135.00	83,462	1976	840,600	820,600	124.00	102,068
1969	726,620	711,570	101.00	71,815	1977	786,600	784,500	146.00	114,746
1970	548,805	538,780	133.00	71,655	1978 ¹	726,800	726,800	219.00	159,439
1971	749,070	707,220	94.50	66,810					

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 346

¹ Net processed weight. ² Canned peaches are 40 percent of total canned fruit for salad. ³ Dried peaches are 21 percent of total dried fruit for salad. ⁴ Beginning June 1965, exports of dried fruit converted to unprocessed dry weight by dividing by 1.08 (1.07 prior to June 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh (6.5 prior to June 1965). Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh; 48 pounds fresh equals 1 bushel. ⁵ Year beginning October. ⁶ Not available.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 353.—Pears: Production and season average price per ton, by States, 1976–78

Variety and State	Total production			Utilized production			Price ² for crop of—		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif., all	373,500	334,600	288,300	353,500	334,600	288,300	125	135	221
Bartlett	365,000	326,000	281,000	345,000	326,000	281,000	124	134	219
Other	8,500	8,600	7,300	8,500	8,600	7,300	148	165	278
Colo	6,400	6,900	1,700	6,400	6,000	1,700	124	169	201
Conn	700	1,600	1,900	700	1,500	1,900	420	375	410
Idaho ³	2,000	1,800	.....	2,000	1,800	.....	235	200	.....
Mich	7,000	12,000	13,000	7,000	12,000	13,000	224	230	208
N.Y	8,000	16,000	18,500	8,000	16,000	18,500	191	183	205
Oreg., all	200,000	180,000	151,500	200,000	179,000	151,500	119	138	222
Bartlett	75,000	80,000	55,500	75,000	79,000	55,500	101	102	195
Other	125,000	100,000	96,000	125,000	100,000	96,000	129	166	237
Pa	3,700	4,700	3,300	3,700	4,700	3,300	232	252	286
Utah	5,300	5,000	2,600	5,300	4,900	2,600	183	240	350
Wash., all	234,000	224,000	246,000	234,000	224,000	246,000	119	156	215
Bartlett	140,000	138,000	132,000	140,000	138,000	132,000	117	124	205
Other	94,000	86,000	114,000	94,000	86,000	114,000	122	208	226
U.S	840,600	786,600	726,800	820,600	784,500	726,800	124	146	219

¹ Preliminary.² Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.³ Estimates discontinued after, 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 354.—Pears, fresh (dessert and cooking): Production in specified countries, 1976–78¹

Continent and country	1976	1977	1978 ²	Continent and country	1976	1977	1978 ²
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada ³	29	39	37	Switzerland ^{3,4}	21	20	20
Mexico	45	46	46	Yugoslavia	105	112	90
United States ³	763	714	660	Total Other Europe	787	529	689
Total	837	799	743	Total Europe	3,435	2,428	2,758
Europe:				Asia:			
Belgium and Luxembourg	76	47	66	Japan	506	531	557
Denmark ³	8	8	7	Turkey	255	260	250
France ⁴	464	280	362	Total	761	791	807
Germany, Fed. Rep. of	388	253	374	Southern Hemisphere:			
Italy	1,523	1,186	1,140	Argentina	123	160	150
Netherlands	130	90	95	Australia	140	105	112
United Kingdom ⁴	59	35	25	Chile	25	41	38
Total EC	2,648	1,899	2,069	New Zealand	14	12	14
Other Europe:				South Africa	119	142	112
Austria ⁴	44	44	45	Total	421	460	426
Greece	108	110	81	Total specified countries	5,454	4,478	4,734
Norway	12	8	11				
Spain ⁴	489	231	437				
Sweden ³	8	4	5				

¹ May include some cider varieties in countries not reporting separately. ² Preliminary. ³ Commercial crop.⁴ Excludes cider pears reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 355.—Pears, western: Average auction price per box, all grades, New York, 1964–78

Crop year	Bartlett	Flemish Beauty	Comice	Bosc	D'Anjou	Winter Nelis	Weighted average ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	5.09	3.05	5.42	5.31	5.58	4.61	5.36
1965	8.12	3.56	5.89	6.74	5.63	3.59	6.65
1966	5.37	3.27	5.08	6.38	5.04	3.87	5.46
1967	7.86	4.54	6.47	7.37	6.12	.....	6.83
1968	7.78	4.94	7.96	8.64	6.49	4.12	7.83
1969	6.16	4.52	5.35	6.24	5.86	4.34	5.79
1970	7.77	4.58	7.72	9.49	6.49	4.79	7.61
1971	6.63	.....	6.34	6.70	6.23	.....	6.25
1972	8.05	.....	7.83	8.46	8.60	5.26	8.17
1973	7.63	.....	7.83	7.13	7.75	5.28	7.63
1974	8.70	.....	8.80	9.78	7.15	5.92	8.25
1975	7.35	.....	8.50	8.27	7.84	3.65	7.78
1976	7.54	.....	8.56	10.41	7.26	4.68	8.12
1977	9.35	.....	10.55	11.78	11.65	.....	9.37
1978 ²	8.42	.....	14.44	8.85	9.84	.....	10.30

¹Includes all varieties of western pears sold on New York auction market.²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day.

Table 356.—Pears: Foreign trade, United States, 1964–77

Year beginning July	Imports for consumption, fresh	Domestic exports					
		Fresh ¹	Canned	Dried ¹	Dried, in fruit salad ¹²	Canned, in fruit salad ³	Total, in terms of fresh fruit ⁴
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 bushels</i>
1964	11,148	57,029	7,542	356	1,042	59,482	2,903
1965	6,890	69,779	5,725	562	1,313	46,871	2,691
1966	15,109	67,655	7,184	426	906	53,512	2,740
1967	26,469	51,190	3,375	205	839	33,165	1,890
1968	30,995	36,742	4,547	369	656	39,193	1,743
1969	23,582	67,999	4,155	380	718	44,186	2,470
1970	37,456	41,455	13,445	311	565	30,437	1,821
1971	16,403	56,304	9,295	377	607	27,426	1,988
1972	33,598	53,602	10,263	750	582	34,536	2,141
1973	18,479	86,277	11,879	243	656	40,503	2,890
1974	18,539	76,320	6,335	215	644	29,189	2,321
1975	15,606	74,767	7,864	571	677	28,052	2,376
1976 ⁵	9,476	60,602	7,380	628	595	31,881	2,156
1977 ⁵	12,732	71,538	9,524	(⁶)	683	32,128	2,347

¹Net processed weight.²Dried pears are 16²/₃ percent of total dried fruit for salad.³Canned pears are 35 percent of total canned fruit for salad.⁴Beginning June 1965, canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.0 pound fresh (1.2 prior to June 1965); dried pears converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh (5.5 prior to June 1965); 50 pounds fresh equals 1 bushel.⁵Year beginning October.⁶Not available.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 357.—Pears: International trade, 1975–77

Continent and country	1975		1976		1977	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	1,753	23,734	76	29,442	651	23,004
United States	32,357	7,483	32,892	7,402	35,090	4,276
Total	34,110	31,217	32,968	36,844	35,741	27,280
South America:						
Argentina	32,814	.....	47,872	.....	68,500	.....
Brazil .....	.....	29,968	.....	39,995	.....	60,000
Chile	8,925	.....	12,136	.....	9,054	.....
Total	41,739	29,968	60,008	39,995	77,554	60,000
Europe:						
Austria	1	16,679	2,012	22,591	5,699	16,607
Belgium and Luxembourg	20,770	18,406	13,382	17,644	14,671	21,803
Denmark	582	5,076	329	6,275	860	6,691
Finland .....	.....	9,434	.....	7,907	.....	7,000
France	40,141	56,933	44,850	54,060	38,613	81,640
Germany, Fed. Rep. of	3,400	162,285	3,925	162,128	36,639	142,587
Ireland .....	.....	3,405	.....	3,649	.....	3,000
Italy	238,345	4,873	204,733	3,823	226,162	8,229
Netherlands	35,887	23,354	34,435	20,561	45,940	23,349
Norway .....	.....	8,112	.....	7,720	.....	12,563
Sweden	565	22,091	589	19,144	597	20,819
United Kingdom .....	.....	50,635	.....	47,937	.....	48,765
Yugoslavia .....	.....	.....	.....	.....	41	4,280
Total	339,691	381,283	304,255	373,439	369,222	397,333
Africa:						
Morocco	13	.....	12	.....	40	.....
South Africa	29,794	.....	36,712	.....	39,841	.....
Total	29,807	.....	36,724	.....	39,881	.....
Asia:						
Japan	1,223	.....	691	.....	2,126	.....
Oceania:						
Australia	35,307	.....	33,875	.....	21,551	.....
New Zealand	1,587	.....	1,431	.....	.....	.....
Total	36,894	.....	35,306	.....	21,551	.....
World total	483,464	442,468	469,952	450,278	546,075	484,613

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 358.—Pears: Production and utilization, United States, 1964–78

Crop of—	Total production	Utilized production	Utilization of quantities sold		
			Fresh ¹	Processed (fresh basis)	
				Canned ²	Dried
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1964	728,470	718,565	258,845	450,920	8,800
1965	499,850	496,225	204,400	290,725	1,100
1966	748,170	720,915	290,964	421,651	8,300
1967	463,880	452,780	191,878	259,702	1,200
1968	624,140	617,680	212,414	402,666	2,600
1969	726,620	711,570	271,151	436,219	4,200
1970	548,805	538,780	197,923	337,357	3,500
1971	749,070	707,220	284,787	417,933	4,500
1972	612,100	608,680	251,035	352,345	5,300
1973	730,420	725,840	307,230	413,710	4,900
1974	741,720	740,660	295,960	439,600	5,100
1975	749,300	743,000	327,980	(³)	(³)
1976	840,600	820,600	340,730	(³)	(³)
1977	786,600	784,500	303,200	(³)	(³)
1978 ⁴	726,800	726,800	300,620	(³)	(³)

¹ Includes "Home use."² For some States includes some dried or otherwise processed.³ Not published to avoid disclosure of individual operation.⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 359.—Pears: Production and utilization, by States, crop of 1978 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh ¹	Processed ²
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Calif., all	288,300	288,300	(³)	(³)
Bartlett	281,000	281,000	43,000	238,000
Other	7,300	7,300	(³)	(³)
Colo	1,700	1,700	(³)	(³)
Conn	1,900	1,900	1,900	.....
Mich	13,000	13,000	(³)	(³)
N.Y	18,500	18,500	(³)	(³)
Oreg., all	151,500	151,500	(³)	(³)
Bartlett	55,500	55,500	13,000	42,500
Other	96,000	96,000	(³)	(³)
Pa	3,300	3,300	(³)	(³)
Utah	2,600	2,600	2,600	.....
Wash., all	246,000	246,000	(³)	(³)
Bartlett	132,000	132,000	39,900	92,100
Other	114,000	114,000	(³)	(³)
U.S	726,800	726,800	300,620	426,180

¹ Includes "Home use."² Mostly canned, but includes small quantities dried, juiced, and other uses.³ Data not published to avoid disclosure of individual operations, but included in U.S. totals.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 360.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1964–78

Year	Area harvested	Yield per acre ¹	Production ⁽²⁾	Utilization		Price per pound	Value
				Fresh	Processed		
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	750	33.2	21,880	17,614	4,266	4.7	1,028
1965	790	24.5	17,935	14,698	3,237	6.2	1,112
1966	600	31.1	18,680	15,225	3,455	7.1	1,326
1967	760	30.1	22,845	19,393	3,452	7.4	1,691
1968	830	28.4	23,550	20,085	3,465	9.6	2,261
1969	850	22.6	19,235	16,337	2,898	12.4	2,385
1970	1,040	24.0	24,960	23,938	1,022	9.8	2,436
1971	970	21.4	20,725	19,172	1,553	13.2	2,736
1972	985	26.1	25,735	21,959	3,776	13.3	3,423
1973	1,430	23.0	32,824	28,848	3,976	12.7	4,180
1974	1,690	22.0	37,224	34,529	2,695	13.1	4,871
1975	1,840	21.7	39,896	34,952	4,944	14.2	5,668
1976	1,930	25.9	50,037	43,588	6,449	12.3	6,134
1977	2,155	29.5	63,548	53,987	9,561	11.9	7,565
1978 ³	2,190	29.2	64,000	54,624	9,376	13.0	8,304

¹Derived from total production.²Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 3,035 in 1964 and 1,445 in 1965.³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 361.—Persimmons: Production, price, and value, California, 1964–77¹

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	2,200	161.00	354	1971	1,350	126.00	170
1965	2,100	163.00	342	1972	2,500	229.00	573
1966	2,300	127.00	292	1973	1,950	373.00	727
1967	1,200	240.00	288	1974	2,500	334.00	835
1968	1,500	164.00	246	1975	1,550	345.00	535
1969	1,600	125.00	200	1976	2,200	396.00	871
1970	2,000	122.00	244	1977	2,000	350.00	700

¹Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 362.—Pomegranates: Production, price, and value, California, 1964–78

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	4,000	100.00	400	1972	7,100	124.00	880
1965	2,100	92.00	304	1973	5,800	170.00	986
1966	3,300	100.00	340	1974	8,100	151.00	1,223
1967	2,400	118.00	283	1975	8,600	143.00	1,230
1968	2,900	97.00	281	1976	9,000	210.00	1,890
1969	7,400	123.00	910	1977	10,000	143.00	1,430
1970	8,000	125.00	1,000	1978 ¹	9,500	270.00	2,565
1971	8,500	131.00	1,114				

¹Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 363.—Prunes and plums:¹ Production, value, and utilization, 4 States, 1964–78

Year	Total production	Utilized production	Season average price per ton	Value	Utilization of quantities sold			
					Fresh ²	Processed (fresh basis)		
						Dried	Canned ³	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1964	84,300	70,688	62.10	4,387	36,755	5,475	27,568	890
1965	74,200	72,574	83.20	6,038	36,341	5,700	29,168	1,365
1966	67,200	66,180	99.70	6,600	33,720	7,100	24,010	1,350
1967	75,700	73,972	95.80	7,084	34,343	7,400	29,829	2,400
1968	45,000	41,280	114.00	4,694	25,010	300	14,995	975
1969	104,000	94,200	82.90	7,811	43,280	7,400	38,020	5,500
1970	51,500	48,350	121.00	5,826	28,040	3,950	13,110	3,250
1971	88,400	65,000	89.60	5,821	34,280	5,500	23,000	2,220
1972	42,400	41,880	173.00	7,228	29,040	2,000	7,460	3,380
1973	73,300	66,550	148.00	9,816	29,350	11,050	21,730	4,420
1974	71,200	71,200	150.00	10,685	35,350	(⁴)	21,665	(⁴)
1975	75,600	71,600	113.00	8,097	34,550	11,000	23,500	2,550
1976	77,000	73,500	123.00	9,046	38,150	12,850	20,900	1,600
1977	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978 ⁵	69,800	69,200	156.00	10,797	40,950	.....	16,100	3,100

¹Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.

²Includes "Home use."

³Some quantities of frozen, dried, or otherwise processed are included in "Canned" to avoid disclosure of individual operations prior to 1969. Beginning 1969, some quantities dried or otherwise processed are included in "Frozen" until 1975. Beginning 1975, other uses included in "Dried."

⁴Not published to avoid disclosure of individual operations.

⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 364.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1976–78

State	Total production			Utilized production			Price ² for crop of—		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho	7,000	7,000	7,500	5,500	7,000	6,900	242.00	251.00	206.00
Mich	16,000	14,000	24,000	16,000	14,000	24,000	133.00	141.00	138.00
Oreg	31,000	28,000	17,000	29,000	25,000	17,000	107.00	128.00	170.00
Wash	23,000	12,000	21,300	23,000	12,000	21,300	108.00	187.00	149.00
Total, 4 States	77,000	61,000	69,800	73,500	58,000	69,200	123.00	158.00	156.00

¹Preliminary.

²Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 365.—Plums, California: Production, value, and utilization, 1964–78

Season	Utilized produc- tion	Total produc- tion	Season average price per ton ¹	Value	Utilization of quantities sold	
					Fresh ²	Processed
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>
1964	113,000	110,000	107.00	11,770	105,200	4,800
1965	113,000	108,000	97.00	10,476	102,600	5,400
1966	95,000	86,000	182.00	15,652	82,400	3,600
1967	98,000	95,000	180.00	17,100	90,400	4,600
1968	106,000	106,000	178.00	18,868	100,700	5,300
1969	67,000	67,000	237.00	15,879	63,600	3,400
1970	123,000	123,000	160.00	19,680	119,300	3,700
1971	101,000	101,000	229.00	23,129	98,200	2,800
1972	96,000	96,000	248.00	23,808	93,300	2,700
1973	97,000	97,000	321.00	31,137	93,800	3,200
1974	143,000	143,000	275.00	39,325	140,000	3,000
1975	124,000	124,000	279.00	34,596	121,360	2,640
1976	115,000	115,000	380.00	43,700	111,900	3,100
1977	157,000	157,000	313.00	49,141	156,000	1,000
1978 ³	154,000	154,000	390.00	60,060	151,000	3,000

¹ Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door.

² Includes "Home use."

³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 366.—Prunes (dried basis), California: Production, price, and value, 1964–78¹

Season	Production ²	Season average price per ton ³	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	180,000	230.00	41,400
1965	167,000	240.00	40,080
1966	132,000	325.00	42,900
1967	164,000	276.00	45,264
1968	153,000	301.00	46,053
1969	130,000	288.00	37,440
1970	200,000	202.00	40,400
1971	131,000	287.00	37,597
1972	77,000	535.00	41,195
1973	205,000	462.00	94,710
1974	142,000	440.00	62,480
1975	149,000	402.00	59,898
1976	148,000	412.00	60,976
1977	159,000	499.00	79,341
1978 ⁴	131,000	650.00	85,150

¹ The drying ratio is approximately 2½ pounds of fresh fruit to 1 pound of dried fruit.

² Production all utilized.

³ Equivalent returns at the processing plant door.

⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 367.—Prunes and plums:¹ Utilization and season average price per ton, 1976–78

State and season	Quantity				Price ⁴		
	Fresh ²	Dried and other ³	Canned	Frozen	Fresh	Dried and other	Canned
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho:							
1976	5,500				242.00		
1977	7,000				251.00		
1978							
Mich.:							
1976	5,000		(⁵)		227.00		(⁵)
1977	6,600	300	6,400	700	193.00		95.00
1978	9,400		12,300	2,300	208.00		94.00
Oreg.:							
1976	10,500	7,500	8,300		127.00		81.00
1977	7,500	10,200	6,700	600	211.00		88.00
1978			(⁵)	800			(⁵)
Wash.:							
1976	17,150		(⁵)		130.00		(⁵)
1977	9,600	1,300	1,100		219.00		102.00
1978	15,300		(⁵)		172.00		(⁵)
Total 4 States:							
1976	38,150	12,850	20,900	1,600	158.00	84.60	85.90
1977	30,700	11,800	14,200	1,300	219.00	86.90	92.20
1978	40,950	9,050	16,100	3,100	188.00	100.00	116.00

¹ Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.

² Includes "Home use."

³ Some quantities otherwise processed are included to avoid disclosure of individual operations.

⁴ Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level.

⁵ Not published to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 368.—Prunes and plums, fresh: Production in specified countries, 1976–78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada	6.4	7.2	7.6	Yugoslavia	562.0	782.0	706.0
United States	603.8	659.3	583.3	Total	1,575.1	1,573.6	1,727.5
Total	610.2	666.5	590.9	Asia:			
Europe:				Turkey	136.6	153.0	140.0
Austria	81.9	73.6	84.4	Southern Hemisphere:			
Belgium and Luxembourg	6.8	2.3	7.7	Argentina	92.0	78.0	57.0
Denmark	1.9	2.0	.8	Australia	26.5	22.2	15.2
France	86.0	47.5	63.4	Chile	17.0	13.5	13.8
Germany, Fed. Rep. of	451.2	349.6	511.9	New Zealand	4.7	3.9	2.5
Greece	19.0	18.0	17.5	South Africa	9.1	12.3	6.8
Italy	171.0	139.4	140.0	Total	149.3	129.9	95.3
Netherlands	5.0	6.2	10.0	Total specified countries	2,471.2	2,523.0	2,553.7
Norway	15.8	14.2	15.8				
Spain	85.5	51.9	85.7				
Switzerland	44.0	40.0	40.0				
United Kingdom	45.0	46.9	44.3				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 369.—Prunes, dried: United States exports by country of destination, 1975-77

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1975	1976	1977		1975	1976	1977
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Austria	457	502	413	Bahamas	3	3	8
Belgium and Luxembourg	1,465	1,736	1,600	Bermuda	10	19	4
Denmark	2,622	3,111	2,251	Dominican Republic	121	119	103
Finland	3,902	2,787	2,747	Jamaica	36	8	17
France	11,677	5,512	13,153	Netherlands Antilles	98	100	78
Germany, Fed. Rep. of	3,643	3,878	4,132	Trinidad and Tobago	183	127	485
Iceland	71	92	91	Other countries	14	12	16
Ireland	135	51	182				
Italy	8,799	6,681	7,551	Total	462	388	711
Netherlands	1,477	763	1,054				
Norway	1,982	1,737	1,802	Other countries:			
Poland	516	1,153	.....	Australia	296	134	109
Spain	1,713	948	1,024	Cameroon . . . . .	.....	.....	122
Sweden	3,114	2,963	2,843	Canada	4,140	4,193	3,756
Switzerland	537	670	521	Canary Islands	33	28	43
United Kingdom	3,278	2,100	2,565	China, Taiwan	315	336	370
Other countries	22	.....	28	Hong Kong	525	452	515
				Israel	15	213	5
Total	45,410	34,684	41,957	Japan	1,126	1,556	1,199
				Malaysia	205	267	296
Latin America:				New Zealand	703	386	492
Brazil	93	.....	126	Singapore	396	396	651
Colombia	36	47	182	South Africa . . . . .	.....	638	1
Costa Rica	7	10	7	Soviet Union	2,234	1,847	241
Ecuador	90	110	121	Thailand	75	73	43
Guatemala	43	31	45	Other countries	193	104	214
Mexico	1,483	664	819				
Nicaragua	22	27	34	Total	10,256	10,623	8,057
Panama	176	126	87				
Venezuela	831	992	1,617	Grand total	58,988	47,789	53,849
Other countries	79	87	86				
Total	2,860	2,094	3,124				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 370.—Prunes: Foreign trade, United States, 1964-77

Year beginning July	Imports				Domestic exports				
	Fresh prunes and plums	Otherwise prepared or preserved	Dried prunes ¹	Total, in terms of fresh ²	Fresh prunes and plums	Canned prunes and plums	Dried prunes ¹	Dried, in fruit salad ^{1 3}	Total, in terms of fresh ²
	<i>Tons</i>	<i>1,000 pounds</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 pounds</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1964	1,689	1,027	80	2,346	9,938	659	49,175	1,344	133,396
1965	1,212	1,205	87	1,940	15,593	(⁴)	62,074	1,694	181,146
1966	836	1,167	520	2,711	6,214	.....	46,734	1,169	130,576
1967	1,846	1,230	680	4,165	13,862	.....	45,390	1,082	134,509
1968	2,193	1,228	426	3,852	9,899	.....	44,163	846	126,747
1969	1,491	1,311	1,028	4,748	10,613	.....	40,320	926	117,692
1970	1,506	1,311	928	4,503	11,891	.....	42,173	729	123,269
1971	939	1,634	1,015	4,308	14,732	.....	42,259	782	126,473
1972	318	2,173	4,826	13,824	16,717	.....	36,714	750	113,980
1973	813	1,988	597	18,462	17,824	.....	58,816	846	156,717
1974	794	1,778	33	1,686	18,469	.....	39,905	831	140,914
1975	1,520	2,086	298	3,229	21,897	.....	70,234	873	206,500
1976 ⁵	903	1,950	549	3,205	23,680	.....	52,812	767	162,779
1977 ⁵	1,630	1,700	290	3,147	25,794	.....	58,034	881	178,746

¹ Net processed weight.² Beginning 1965, exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04 (1.025 prior to 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh (2½ pounds prior to 1965). Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.729 pound fresh. "Otherwise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.³ Dried prunes in salad estimated at 43 percent of total dried fruit for salad.⁴ No longer reported separately.⁵ Year beginning October.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

Table 371.—Strawberries, commercial crop: Area, yield, production, value per unit, and total value, United States, 1964–78

Year	Fresh market and processing					Fresh market ³			Processing		
	Area for harvest	Yield per acre	Production ¹	Value ²		Production of value	Value ²		Production of value	Value ²	
				Per unit	Total		Per unit	Total		Per unit	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>
1964	74,850	73	5,490	20.00	109,979	3,098	24.50	75,983	2,392	14.20	33,996
1965	67,940	64	4,328	22.10	95,836	2,629	25.60	67,238	1,699	16.80	28,598
1966	66,180	70	4,644	22.20	103,068	2,659	26.20	69,656	1,985	16.80	33,412
1967	63,700	74	4,740	20.50	97,029	2,818	26.50	69,101	1,922	14.50	27,928
1968	58,700	90	5,256	21.30	112,010	3,373	24.30	81,827	1,883	16.00	30,183
1969	53,500	91	4,862	22.60	109,771	3,154	25.90	81,697	1,708	16.40	28,074
1970	50,400	98	4,960	21.50	106,467	3,164	24.80	78,533	1,796	15.60	27,934
1971	47,780	109	5,207	22.50	116,975	3,404	25.40	86,394	1,803	14.50	26,081
1972	43,410	106	4,602	24.00	110,262	3,211	27.10	86,948	1,391	16.80	23,314
1973	40,610	118	4,796	27.60	132,186	3,164	31.00	97,934	1,632	21.00	34,252
1974	39,260	137	5,362	28.70	153,967	3,680	32.40	119,133	1,682	20.70	34,834
1975	39,190	139	5,432	30.40	165,340	3,700	35.40	130,905	1,732	19.90	34,435
1976	33,750	169	5,713	32.80	187,291	3,601	37.60	135,537	2,112	24.50	51,754
1977	34,300	190	6,509	33.00	214,947	4,188	38.90	162,938	2,321	22.40	52,009
1978 ⁴	36,300	178	6,476	31.00	200,533	4,646	35.80	166,161	1,830	18.80	34,372

¹Excludes the following quantities not harvested and not marketed because of economic conditions (1,000 hundredweight): 77 in 1964, 302 in 1965, 4 in 1966, 44 in 1967, 70 in 1969, 100 in 1970, 1 in 1977, and 1 in 1978.

²Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door.

³Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 372.—Strawberries, commercial crop: Area, production, and value per hundredweight, by States, 1976–78¹

Season and State	Area			Production			Value per unit		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Fla	1,400	1,500	2,000	210	218	290	42.20	41.10	57.40
Total	1,400	1,500	2,000	210	218	290	42.20	41.10	57.40
Spring:									
Ark	1,100	900	900	50	43	42	35.00	35.80	30.00
Calif	10,800	11,600	13,700	4,212	5,220	5,138	32.20	32.30	28.80
La	850	850	800	60	52	53	46.00	43.00	38.30
Mich	2,900	2,800	2,700	174	151	154	33.30	31.80	36.50
N.J	800	750	700	36	32	35	38.50	49.60	43.20
N.Y	1,400	1,400	1,300	46	60	64	40.00	54.30	53.20
N.C. ³	2,100	2,100	2,100	44	42	32	46.00	44.00	35.00
Ohio	1,400	1,400	1,500	80	69	87	38.00	42.00	44.00
Oreg	5,200	5,300	5,000	478	350	340	28.50	28.50	27.00
Pa	1,100	1,100	900	37	40	28	53.60	60.90	65.70
Wash	3,300	3,300	3,300	251	201	175	27.70	28.00	25.40
Wis	1,400	1,300	1,400	35	31	38	42.00	46.00	48.00
Total	32,350	32,800	34,300	5,503	6,291	6,186	32.40	32.70	29.70
U.S	33,750	34,300	36,300	5,713	6,509	6,476	32.80	33.00	31.00

¹Includes quantities used for fresh market and processing.

²Preliminary.

³Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1 in 1977, and 1 in 1978.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 373.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1976-78

Utilization, season, and State	Production			Value per unit		
	1976	1977	1978 ¹	1976	1977	1978 ¹
FOR FRESH MARKET ²						
Winter:	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Fla	210	218	290	42.20	41.10	57.40
Total	210	218	290	42.20	41.10	57.40
Spring:						
Ark	50	43	42	35.00	35.80	30.00
Calif	2,811	3,436	3,822	36.90	38.20	33.20
La	60	52	53	46.00	43.00	38.30
Mich	100	95	84	36.00	33.00	42.00
N.J	36	32	35	38.50	49.60	43.20
N.Y	46	60	64	40.00	54.30	53.20
N.C	44	42	32	46.00	44.00	35.00
Ohio	80	69	87	38.00	42.00	44.00
Oreg	62	38	36	35.20	36.00	33.00
Pa	37	40	28	53.60	60.90	65.70
Wash	30	32	35	30.40	31.10	31.20
Wis	35	31	38	42.00	46.00	48.00
Total	3,391	3,970	4,356	37.40	38.80	34.30
U.S	3,601	4,188	4,646	37.60	38.90	35.80
PROCESSING						
Spring:						
Calif	1,401	1,784	1,316	22.90	20.80	15.90
Mich	74	56	70	29.70	29.70	29.90
Oreg	416	312	304	27.50	27.60	26.30
Wash	221	169	140	27.30	27.40	24.00
U.S	2,112	2,321	1,830	24.50	22.40	18.80

¹ Preliminary.² Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 374.—Fruits: Unloads at 8 markets, by commodities, 1978

Commodity	Boston			New York ²			Philadelphia			Baltimore ³		
	Rail, boat, and air	Motor-truck ¹	Total	Rail, boat, and air	Motor-truck ¹	Total	Rail, boat, and air	Motor-truck ¹	Total	Rail, boat, and air	Motor-truck ¹	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Apples	48	522	570	468	816	1,284	110	475	585	33	391	424
Grapefruit	22	518	540	50	1,251	1,301	6	544	550	...	362	362
Grapes	20	230	250	146	327	473	44	266	310	...	168	168
Lemons	23	127	150	153	297	450	37	211	248	10	92	102
Mixed citrus	20	1	21	49	...	49	3	...	3	2	...	2
Oranges	529	329	858	717	1,035	1,752	246	612	858	14	444	458
Peaches	1	234	235	9	539	548	...	180	180	...	90	90
Pears	77	140	217	302	252	554	58	156	214	7	84	91
Plums and fresh prunes	33	115	148	176	169	345	35	144	179	4	62	66
Strawberries	31	97	128	114	143	257	29	108	137	15	72	87
Tangerines	1	132	133	...	362	362	...	168	168	...	73	73
Miscellaneous	54	919	973	2,297	579	2,876	31	1,062	1,093	799	749	1,548
Total	859	3,364	4,223	4,481	5,770	10,251	599	3,926	4,525	884	2,587	3,471

Commodity	Atlanta			Chicago			Los Angeles			San Francisco ⁴		
	Rail, boat, and air	Motor-truck ¹	Total	Rail, boat, and air	Motor-truck ¹	Total	Rail, boat, and air	Motor-truck ¹	Total	Rail, boat, and air	Motor-truck ¹	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Apples	29	297	326	55	685	740	...	1,952	1,952	...	678	678
Grapefruit . . . . .	...	150	150	9	422	431	...	558	558	33	405	438
Grapes . . . . .	...	91	91	77	256	333	12	595	607	...	202	202
Lemons	4	94	98	20	145	165	...	335	335	...	113	113
Mixed citrus . . . . .	...	...	...	4	5	9	...	...	...	...	...	...
Oranges . . . . .	...	334	334	172	640	812	...	1,657	1,657	...	775	775
Peaches . . . . .	...	93	93	11	206	217	...	308	308	...	146	146
Pears	2	25	27	18	195	213	5	341	346	...	117	117
Plums and fresh prunes . . . . .	...	25	25	51	103	154	...	216	216	...	66	66
Strawberries . . . . .	...	102	102	38	128	166	5	231	236	...	167	167
Tangerines . . . . .	...	51	51	1	99	100	...	182	182	...	52	52
Miscellaneous	4	617	621	120	1,543	1,663	2,921	1,106	4,027	191	1,536	1,727
Total	39	1,879	1,918	576	4,427	5,003	2,943	7,481	10,424	224	4,257	4,481

¹Estimated percentages of completeness for reported truck unloads for 1978 are as follows: Atlanta, 85; Baltimore, 85-90; New York, Philadelphia, and Chicago, 90; Boston, 90-95; Los Angeles and San Francisco, 95.

²Includes Newark.

³Includes Washington.

⁴Includes Oakland.

Agricultural Marketing Service.

Table 375.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1978¹

Commodity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Citrus fruit	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Grapefruit	2,488	2,990	3,217	2,943	2,084	1,068	647	170	20	1,634	2,511	2,497	22,267
Lemons	628	610	702	1,047	737	956	1,018	810	930	641	834	778	9,691
Mixed citrus	24	18	28	21	29	64	70	62	22	17	6	9	370
Oranges	2,925	3,468	3,929	4,675	3,202	2,656	1,887	1,350	1,409	1,313	2,517	4,921	34,252
Tangelos	288	28	3	..	..	..	..	..	..	13	389	718	1,439
Tangerines	451	401	325	129	16	5	1	..	..	207	565	761	2,861
Temple	791	723	129	5	..	..	..	..	..	..	..	..	1,648
Total	7,595	8,238	8,333	8,820	6,068	4,747	3,623	2,392	2,381	3,825	6,822	9,684	72,528
Non-citrus fruit													
Apples	2,152	2,333	2,367	2,350	1,634	864	703	471	2,195	2,781	2,598	3,393	23,841
Apricots	..	..	..	..	21	71	32	12	..	..	..	..	136
Avocados	136	139	167	239	200	204	224	201	219	209	246	278	2,462
Blueberries	..	..	..	..	1	43	60	16	..	..	..	..	120
Cherries	..	..	..	..	145	561	227	..	..	..	..	..	833
Grapes, Table	230	144	91	24	32	656	762	1,176	1,049	643	604	514	5,925
Grapes, Juice	1	..	..	..	..	..	..	4	971	666	10	..	1,652
Mixed deciduous	22	25	28	16	4	12	50	11	1	12	37	30	248
Nectarines	..	..	..	..	126	607	1,055	593	227	1	..	..	2,609
Peaches	..	..	..	1	326	1,296	1,835	1,370	694	9	..	..	5,531
Pears	475	514	401	202	40	1	238	507	670	888	737	649	5,322
Plums-fresh	..	..	..	..	59	557	1,569	984	224	9	..	..	3,402
prunes	..	..	..	..	..	..	..	..	..	..	..	..	..
Strawberries	10	57	316	935	1,300	755	278	190	93	52	18	6	4,010
Total	3,026	3,212	3,370	3,767	3,888	5,627	7,033	5,535	6,343	5,270	4,250	4,870	56,191
Miscellaneous fruit and berries													
Fruits ²	3	3	..	1	8	28	1	2	2	2	1	3	54
Limes	16	15	21	40	52	50	78	72	44	34	29	38	489
Mangoes	..	..	..	..	..	15	46	20	2	..	..	..	83
Misc. citrus	..	..	..	..	..	..	..	..	1	341	83	4	431
Persimmons	..	..	..	..	..	..	..	..	..	14	13	4	32
Pomegranates	..	..	..	..	..	..	..	1	19	49	19	..	88
Total	19	18	21	41	60	93	125	95	71	440	145	49	1,177
Grand total	10,640	11,468	11,724	12,628	10,016	10,467	10,781	8,022	8,795	9,535	11,217	14,603	129,896

¹ Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in Agricultural Statistics, 1978, table 370.

² Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail and air carriers, inspection service and shipping points.

Table 376.—Fruits, noncitrus: Production, utilization, and value, United States, 1964-78¹

Year	Utilized production ²	Fresh	Processed						Value of utilized production ⁴
			Canned	Dried	Juice ³	Frozen	Wine ³	Other	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 dollars
1964	10,605	3,568	2,563	1,696	..	254	..	2,418	891,457
1965	10,935	3,540	2,229	1,936	..	280	..	2,891	865,192
1966	10,278	3,506	2,280	1,780	..	203	..	2,424	933,541
1967	8,799	3,078	1,867	1,322	..	245	..	2,208	988,812
1968	10,011	3,413	2,335	1,672	..	267	..	2,238	1,118,047
1969	11,190	3,719	2,571	1,612	667	254	2,054	199	1,083,152
1970	9,890	3,378	2,030	1,634	708	221	1,583	238	1,062,354
1971	10,535	3,421	2,003	1,431	877	240	2,310	192	1,159,402
1972	8,436	3,114	1,805	804	720	244	1,520	169	1,320,084
1973	10,965	3,403	2,071	1,795	598	254	2,567	196	1,948,531
1974	11,240	3,620	2,203	1,655	768	223	2,416	279	1,947,446
1975	11,668	4,077	2,023	1,920	863	226	2,275	203	1,878,743
1976	11,169	3,950	1,873	1,662	819	246	2,322	220	2,029,659
1977	11,567	3,901	1,978	1,870	848	236	2,412	264	2,465,706
1978 ⁵	11,903	4,111	1,976	1,384	1,137	253	2,671	310	2,931,747

See footnotes on page 251.

Table 377.—Fruit juices, canned: United States packs, 1964-77

Season	Citrus juices ¹				Pine-apple juice ²	Grape juice	Prune juice	Apple juice	Fruit nectars
	Grape-fruit	Orange	Blended orange and grape-fruit	Tangerine and tangerine blends					
	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³
1964	10,927	10,799	2,512	187	13,788	4,800	7,390	9,587	2,860
1965	13,826	12,114	2,911	62	15,354	4,800	7,600	9,611	2,860
1966	20,991	16,341	3,738	156	15,034	4,700	7,500	8,889	2,860
1967	15,826	10,414	2,187	49	15,081	4,600	7,400	8,726	2,860
1968	20,535	13,453	2,578	92	13,954	3,921	5,267	9,365	2,733
1969	22,124	14,296	2,419	47	15,014	⁴ 7,200	⁴ 9,200	13,390	(⁵)
1970	25,993	15,452	2,500	35	13,704	⁴ 6,600	⁴ 9,300	14,118	⁴ 6,200
1971	26,777	13,852	1,983	16	13,641	(⁵)	(⁵)	13,696	(⁵)
1972	28,262	17,053	2,135	24	12,328	(⁵)	(⁵)	13,832	(⁵)
1973	29,001	13,819	1,983	18	11,350	(⁵)	(⁵)	14,793	(⁵)
1974	21,629	13,294	1,723	12	8,448	(⁵)	(⁵)	15,433	(⁵)
1975	25,821	13,461	2,769	19	8,713	(⁵)	(⁵)	15,264	(⁵)
1976	27,689	14,435	1,584	35	10,205	(⁵)	(⁵)	15,412	(⁵)
1977	23,952	14,924	1,898	8	11,977	(⁵)	(⁵)	18,218	(⁵)

¹Excluding citrus concentrates. ²Hawaii and foreign operations. ³Equivalent cases of 24 No. 2 cans. ⁴Thousand actual cases basis. ⁵Not available.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners.

Table 378.—Fruits, dried: Production (dry basis), United States, 1964-78

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes ¹	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1964	8,490	6,230	24,300	16,800	5,180	1,350	132,100	231,400	425,850
1965	11,510	5,130	21,000	14,500	5,430	170	117,120	270,400	445,260
1966	15,900	6,500	21,300	18,400	3,380	1,280	96,910	280,400	444,070
1967	9,980	3,670	20,800	10,900	1,960	180	122,110	181,200	350,800
1968	10,860	3,850	23,000	13,000	2,820	400	107,420	264,250	425,600
1969	17,669	6,430	16,500	14,370	3,510	764	91,300	251,800	402,343
1970	11,862	5,600	18,200	12,280	2,275	585	158,360	193,450	402,612
1971	6,012	4,000	19,500	10,370	1,860	750	91,850	194,830	329,172
1972	9,288	3,000	15,700	8,950	1,500	960	41,750	105,350	186,498
1973	15,481	3,260	23,100	11,220	1,500	790	161,760	224,526	441,637
1974	12,325	2,640	22,700	11,430	1,750	700	105,221	242,130	398,896
1975	14,344	4,500	24,800	8,840	2,375	980	² 102,695	283,650	442,184
1976	14,331	4,650	22,400	7,000	2,500	1,270	² 106,322	³ 218,400	376,873
1977	14,100	5,100	25,400	11,000	2,500	1,130	² 109,568	248,900	417,698
1978 ⁴ .....	.....	3,600	22,500	5,850	2,000	855	² 106,634	146,450	287,889

¹Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates. ²Excludes Oregon. ³Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes. ⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Department and trade sources. All data on a natural condition basis.

FOOTNOTES FOR TABLE 376

¹Apples, apricots, avocados, bananas, bushberries, cherries, cranberries, dates, figs, grapes, nectarines, olives, papayas, peaches, pears, persimmons, pomegranates, and prunes and plums.

²Includes culls and cannery diversions for California Clingstone peaches (tons): 1964—76,000; 1965—89,000; 1966—85,000; 1967—79,000; 1968—86,000; 1969—114,000; 1970—98,000; 1971—61,000; 1972—60,000; 1973—81,000; 1974—76,000; 1975—81,000; 1976—77,000; 1977—57,500; and 1978—60,500.

³Included in "Other" prior to 1969.

⁴Excludes culls and cannery diversions for California Clingstone peaches.

⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 379.—Fruits, dried: Commercial production in specified countries, 1976–78

Commodity and country	1976	1977	1978 ¹	Commodity and country	1976	1977	1978 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Apples, dried:				Pears, dried:			
South Africa	0.2	0.2	0.2	Australia	0.3	0.2	0.2
Total . . . . .	.2	.2	.2	South Africa . . . . .	.9	1.4	.6
				Total	1.2	1.6	.8
Apricots, dried:				Prunes, dried:			
Australia	1.4	2.1	1.6	Argentina	10.0	8.0	5.5
Iran	6.0	9.3	4.5	Australia	3.2	3.2	2.1
South Africa	1.1	1.5	1.1	Chile	4.4	5.2	5.0
Spain	1.1	.6	.4	France	26.2	6.1	23.0
Turkey	10.0	10.0	9.0	South Africa	1.8	1.4	2.1
Total	19.6	23.5	16.6	Yugoslavia	6.3	22.9	14.0
				Total	51.9	46.8	51.7
Currants:				Raisins:			
Australia	4.3	6.1	4.0	Afghanistan	62.0	40.0	42.5
Greece	61.5	76.6	65.9	Australia	68.9	56.8	58.8
South Africa	1.0	.8	.9	Greece	81.0	60.0	84.0
Total	66.8	83.5	70.8	Iran	60.0	63.0	70.0
Figs, dried:				South Africa	6.5	8.9	12.9
Greece	22.0	19.8	18.4	Spain	2.0	2.3	2.5
Italy	7.1	7.2	7.0	Turkey	80.0	110.0	80.0
Portugal	1.6	6.0	4.2	Total	360.4	341.0	350.7
Spain	3.0	3.0	3.8				
Turkey	60.0	42.0	50.0				
Total	93.7	78.0	83.4				
Peaches, dried:							
Australia . . . . .	.3	.3	.3				
Chile	1.4	1.4	1.3				
South Africa	1.7	1.9	1.9				
Total	3.4	3.6	3.5				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 380.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1978¹

Commodity	Northeast ²	South ³	Midwest ⁴	West ⁵	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples	⁶ 11,188		41,380	15,769	68,337
Apricots				11,814	11,814
Cherries, red tart	9,012		71,135	12,563	92,710
Cherries, sweet			⁷ 11,174	7,188	18,362
Grapes and pulp				⁷ ⁸ 4,529	4,529
Peaches		⁷ ⁸ 2,623		38,191	40,814
Plums and prunes			⁷ 1,084	1,690	2,774
Purees, noncitrus*					16,338
Berries:					
Blackberries				⁷ ⁸ 19,579	19,579
Blueberries	⁶ 19,777		6,560	1,655	27,992
Boysenberries				3,048	3,048
Currants				⁷ ⁸ 654	654
Gooseberries					(⁹)
Loganberries				2,089	2,089
Olallieberries				2,886	2,886
Raspberries, black			⁷ ⁸ 1,453		1,453
Raspberries, red				⁷ ⁸ 19,742	19,742
Strawberries			⁶ 6,904	213,487	220,391
Citrus juices ¹⁰		¹¹ 1,825,514			1,825,514
Miscellaneous fruits and berries ⁹				⁶ ⁸ 16,021	16,021
Total	39,977	1,828,137	139,690	370,905	2,395,047

See footnotes on page 255.

Table 381.—Fruits, frozen: Commercial pack, United States, 1969–78

Commodity	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples	122,293	100,370	96,999	130,377	135,086	99,180	89,704	118,759	97,204	68,337
Apricots	17,325	12,107	10,977	15,512	16,534	11,848	15,886	15,008	15,749	11,814
Cherries, red tart	140,688	121,271	159,408	145,570	109,368	137,976	126,073	84,113	103,751	92,710
Cherries, sweet	2,265	4,124	2,568	3,266	5,209	8,890	6,712	12,386	13,011	18,362
Grapes and pulp	11,149	5,185	5,761	5,333	4,145	2,897	(1)	1,723	4,892	4,529
Peaches	53,572	47,471	59,924	46,316	81,388	59,058	40,273	65,101	69,323	40,814
Plums	6,061	8,269	3,666	5,075	6,121	6,315	5,236	4,977	3,594	2,774
Prunes	640	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Purees, noncitrus	16,842	15,170	16,331	10,582	12,228	5,311	5,983	16,171	16,833	16,338
Berries:										
Blackberries	27,184	29,186	27,536	21,164	8,249	21,107	20,892	22,774	23,352	19,579
Blueberries	37,663	21,836	30,441	30,932	44,376	24,393	24,572	26,261	14,750	27,992
Boysenberries	9,253	8,478	6,245	6,203	6,275	5,093	4,815	4,094	3,836	3,048
Currants	1,337	746	803	758	1,114	630	543	1,123	765	654
Gooseberries	690	540	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Loganberries	1,681	1,756	1,858	1,517	852	1,877	2,954	2,371	3,427	2,089
Olallieberries	5,510	2,265	2,551	2,724	3,186	2,936	1,880	(1)	(1)	2,886
Raspberries	34,062	29,504	28,102	24,361	29,309	22,107	26,652	22,561	4,988	21,195
Strawberries	178,693	201,572	199,399	146,842	168,552	170,371	183,895	216,153	220,391	159,834
Citrus juices ³	1,163,805	1,351,492	1,303,147	1,474,873	1,889,329	1,839,828	1,985,992	1,909,776	1,711,977	1,825,514
Miscellaneous fruits and berries	11,375	10,838	12,909	15,530	18,172	23,983	10,755	14,938	20,694	16,021
Total	1,842,088	1,972,180	1,968,625	2,086,935	2,539,493	2,443,800	2,552,817	2,538,289	2,348,537	2,334,490

¹Included in miscellaneous fruits and berries.²Included in plums.³Florida only. Calendar year estimate.

Economics, Statistics, and Cooperatives Services—Economics. Data from American Frozen Food Institute and Florida Canners Association.

Table 382.—Fruit and juices: Cold-storage holdings, end of month, United States, 1977 and 1978

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	1,775,855	1,658,124	98,446	103,575	23,214	21,802	42,262	58,621
February	1,335,200	1,172,537	105,216	117,625	19,449	19,506	33,343	52,137
March	912,840	751,608	101,320	103,936	15,124	15,144	26,207	41,605
April	609,512	431,125	92,018	91,340	11,615	11,263	19,397	32,562
May	329,322	185,715	92,226	83,369	8,526	9,329	15,313	28,315
June	166,995	72,872	79,545	72,097	8,688	8,316	16,528	19,591
July	57,304	14,770	71,357	65,470	15,559	15,488	90,941	85,944
August	14,795	11,547	63,733	50,111	29,250	32,441	111,243	104,585
September	1,106,824	1,446,077	66,971	47,242	33,656	41,112	93,776	96,633
October	3,142,188	3,444,244	68,713	54,435	31,431	41,427	83,767	84,745
November	2,710,807	3,220,372	80,794	65,855	27,859	38,705	76,299	77,136
December	2,138,025	2,624,543	97,640	82,629	24,687	35,651	70,938	70,577

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1977	1978	1977	1978	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	92,157	126,544	498,994	549,399	681,373	511,502
February	76,006	113,251	447,237	518,124	845,536	617,088
March	82,708	111,076	419,980	465,164	932,759	617,315
April	90,412	111,705	376,340	416,707	955,534	744,415
May	112,661	115,311	380,989	385,448	1,040,622	854,732
June	201,575	187,998	456,026	434,795	914,348	883,125
July	231,683	192,132	585,333	530,948	806,512	811,551
August	218,962	172,946	620,920	552,572	647,077	720,219
September	206,439	162,524	630,731	564,372	551,698	549,583
October	194,947	144,545	687,210	597,898	456,281	485,376
November	163,101	127,163	639,899	552,139	333,251	359,798
December	153,131	108,690	607,841	517,943	392,837	506,463

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 383.—Canned fruits and fruit juices: Canners' and distributors' stocks, beginning of season, United States, 1976–78

Commodity	Season beginning—	Canners' stocks ¹			Distributors' stocks ²		
		1976	1977	1978	1976	1977	1978
Canned fruits:		<i>1,000 cases³</i>	<i>1,000 cases³</i>	<i>1,000 cases³</i>	<i>1,000 cases³</i>	<i>1,000 cases³</i>	<i>1,000 cases³</i>
Apples	Aug. 1	698	560	597	318	275	253
Applesauce	Aug. 1	6,123	4,253	4,351	1,754	1,513	1,709
Apricots	June 1	2,094	1,141	711	457	397	315
Cherries, red pitted	July 1	76	11	15	198	147	95
Cherries, sweet	June 1	349	204	192	122	102	95
Grapefruit sections	Oct. 1	642	396	298	221	191	160
Peaches	June 1	9,499	7,474	8,496	3,171	2,740	2,952
Pears	June 1	4,537	4,597	3,832	1,399	1,343	1,363
Pineapple	June 1	8,758	10,075	12,245	1,780	1,755	1,825
Purple plums	June 1	954	705	504	174	196	162
Fruit cocktail	June 1	5,541	5,391	4,835	1,782	1,640	1,734
Canned juices:							
Grapefruit	Oct. 1	3,557	4,377	3,474	1,527	1,553	1,735
Orange	Oct. 1	1,928	2,013	2,157	1,251	1,298	1,406
Blended orange and grapefruit	Oct. 1	318	148	293	206	202	210
Pineapple	June 1	1,960	2,506	3,158	493	450	572

See footnotes on page 256.

Table 384.—Fruits: Total and per capita civilian consumption, United States, 1964–78¹

Year	Fruits used fresh							
	Total fruits		Apples ²		Citrus fruits		Other fresh fruits ³	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Millions pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	15,021	79.5	3,379	17.9	4,951	26.2	6,691	35.4
1965	15,583	81.4	3,134	16.3	5,580	29.2	6,869	35.9
1966	15,825	81.8	3,100	16.0	5,653	29.2	7,072	36.6
1967	16,012	82.0	3,169	16.2	6,211	31.8	6,632	34.0
1968	15,493	78.6	3,092	15.7	5,205	26.4	7,196	36.5
1969	15,835	79.5	2,966	14.9	5,652	28.4	7,217	36.2
1970	16,422	81.4	3,690	18.3	5,817	28.8	6,915	34.3
1971	16,534	81.0	3,299	16.2	5,984	29.3	7,251	35.5
1972	15,995	77.5	3,596	15.7	5,693	27.6	6,706	32.5
1973	15,984	76.8	3,052	14.7	5,741	27.6	7,191	34.5
1974	16,656	79.4	3,384	16.1	5,805	27.7	7,467	35.6
1975	17,855	84.4	3,787	17.9	6,285	29.7	7,783	36.8
1976	18,455	86.6	4,008	18.8	6,264	29.4	8,183	38.4
1977	17,882	83.3	3,643	17.0	5,721	26.7	8,518	39.6
1978 ⁴	18,162	83.9	3,672	17.0	5,745	26.6	8,745	40.4

Year	Canned fruits ⁵		Canned juices ⁶		Dried fruits ⁷		Frozen fruits ⁸	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	4,343	23.0	2,428	12.9	551	2.9	1,399	7.4
1965	4,494	23.5	2,458	12.9	572	3.0	1,625	8.5
1966	4,424	22.9	2,874	14.9	585	3.0	1,566	8.1
1967	4,409	22.6	3,149	16.1	544	2.8	1,969	10.1
1968	4,315	21.9	3,240	16.4	558	2.8	1,846	9.4
1969	4,825	24.2	3,841	19.3	527	2.6	1,847	9.3
1970	4,700	23.3	3,900	19.3	551	2.7	1,982	9.8
1971	4,481	21.9	4,224	20.7	538	2.6	2,075	10.2
1972	4,417	21.4	4,280	20.7	419	2.0	2,156	10.4
1973	4,441	21.3	4,405	21.2	536	2.6	2,324	11.2
1974	4,116	19.6	4,164	19.9	520	2.5	2,359	11.3
1975	4,083	19.3	4,629	21.9	645	3.0	2,672	12.6
1976	4,094	19.2	4,765	22.4	568	2.7	2,610	12.2
1977	4,277	19.9	4,552	21.2	548	2.5	2,531	11.8
1978 ⁴	4,114	19.0	5,094	23.6	(⁹)	(⁹)	2,447	11.3

¹ Fresh citrus fruits are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies.

² Excludes noncommercial apples.

³ Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapple, papayas beginning 1960, plums and prunes, strawberries, bushberries beginning 1970, and miscellaneous fruit beginning 1970.

⁴ Preliminary.

⁵ Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs through 1972, fruit cocktail and salad, canned and chilled citrus sections, olives (including brined), pineapple, plums, prunes, peaches (including spiced), and pears.

⁶ Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune juices, and fruit nectars. Includes canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices. Includes chilled orange and grapefruit juice.

⁷ Dried apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Data are in terms of processed dried weight.

⁸ Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

⁹ Not available.

Economics, Statistics, and Cooperatives Service—Economics.

FOOTNOTES FOR TABLE 380

¹ Includes the commercial pack only and does not include quantities produced in frozen food locker plants.

² Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island. ³ Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. ⁴ Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. ⁵ Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. ⁶ Includes pack in South. ⁷ Includes pack in Northeast. ⁸ Includes pack in Midwest.

⁹ Included with miscellaneous fruits and berries. 1978 data include cantaloups, gooseberries, melon balls, mixed fruits, Montmorency cherries, and olallieberries. ¹⁰ Calendar year estimate. (See table 324 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) ¹¹ Florida only. ¹² 1978 data include purees of apple, apricot, banana, cherry, black and red raspberry, boysenberry, loganberry, grape, melons, nectarine, peach, plum, and strawberry.

Economics, Statistics, and Cooperatives Service—Economics. Data from American Frozen Food Institute and Florida Canners Association.

Table 385.—Tree nuts (shelled basis): Supply and utilization, United States, 1964–78¹

Crop year	United States production ²	Imports ³	Beginning stocks	Total supply	Exports ⁴	Ending stocks	Civilian disappearance	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1964	227,760	118,160	111,040	456,960	28,120	94,020	334,820	1.76
1965	245,990	121,090	101,320	468,400	36,770	86,250	345,380	1.79
1966	243,180	119,180	86,250	448,610	36,070	76,460	336,080	1.73
1967	238,090	139,150	76,460	453,700	41,100	70,150	342,450	1.74
1968	238,540	158,300	70,150	466,990	36,650	71,290	359,050	1.81
1969	304,150	135,480	71,290	510,920	82,520	86,280	342,120	1.71
1970	295,940	148,900	86,280	531,120	96,370	76,700	358,050	1.76
1971	363,610	151,700	76,700	592,010	125,420	80,830	385,760	1.88
1972	310,260	178,770	80,830	569,860	108,750	55,690	405,420	1.96
1973	398,490	152,410	55,690	606,590	119,120	127,220	360,250	1.72
1974	392,530	116,215	127,220	635,965	151,440	153,780	330,745	1.57
1975	425,360	166,100	153,780	745,240	196,680	137,010	411,250	1.94
1976	449,950	161,810	137,010	748,770	223,500	114,670	410,600	1.92
1977 ⁴	542,250	106,290	114,670	763,210	239,720	153,640	369,850	1.71
1978 ⁴			153,640					

¹ Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, and miscellaneous tree nuts; beginning 1960, includes macadamias.

² Almonds, filberts, walnuts, pecans, and macadamias; no reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

³ Foreign trade data on a fiscal-year basis, beginning July 1 or Aug. 1 of year indicated.

⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 386.—Tree nuts: Commercial production in specified countries, 1976–78

Commodity and country	1976	1977	1978 ¹	Commodity and country	1976	1977	1978 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Almonds (shelled basis):				Filberts (in the shell)—			
Iran	7.0	8.0	4.5	Continued			
Italy	25.0	23.0	26.0	Turkey	240.0	290.0	320.0
Morocco	2.0	1.7	3.5	Total	339.0	390.0	423.0
Portugal	5.2	1.6	3.5				
Spain	65.0	32.0	60.0	Walnuts (in the shell):			
Total	104.2	66.3	97.5	France	25.3	11.6	30.0
Brazil nuts (in the shell):				India	15.0	14.0	16.0
Brazil	43.8	42.6	40.0	Iran	2.8	3.2	3.0
				Italy	11.0	12.0	14.0
Filberts (in the shell):				Turkey	10.0	10.5	9.0
Italy	77.0	70.0	90.0	Total	64.1	51.3	72.0
Spain	22.0	30.0	13.0				

¹ Preliminary

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

FOOTNOTES FOR TABLE 383

¹ Cannery's stocks for citrus products are Florida only.

² Distributors' stocks are as of the beginning of the season for all items except that apples and applesauce are as of June 1 and citrus products as of November 1.

³ Actual cases.

Agricultural Marketing Service. Compiled from various canners' associations and the U.S. Department of Commerce.

Table 387.—Almonds (shelled basis): Production, season average price per pound, and value, California, 1964–78

Year	Production	Price	Value	Year	Production	Price	Value
	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	83.0	57.2	47,502	1972	151.0	65.0	98,125
1965	79.6	56.5	44,979	1973	155.0	128.8	199,660
1966	95.4	54.4	51,911	1974	230.0	74.0	170,100
1967	82.8	53.8	44,581	1975	186.0	63.7	118,400
1968	80.4	55.3	44,477	1976	284.0	64.8	184,032
1969	132.0	56.0	73,932	1977	313.0	84.5	264,485
1970	149.0	53.8	80,104	1978 ¹	181.0	140.0	253,400
1971	162.0	53.8	87,100				

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 388.—Almonds (shelled basis¹): Foreign trade, United States, 1964–77

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	<i>Tons</i>		<i>Tons</i>		<i>Tons</i>
1964	134	1969	150	1974	64
1965	206	1970	94	1975	243
1966	177	1971	69	1976	666
1967	211	1972	100	1977	97
1968	474	1973	45		

¹ Unshelled nuts converted to shelled basis at ratio of 2.0 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 389.—Filberts (in the shell): Production, season average price per ton, and value, United States, 1964–78

Year	Oregon			Washington			Oregon and Washington		
	Production ¹	Price ²	Value	Production ¹	Price ²	Value	Production ¹	Price ²	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	7,800	440	3,432	290	442	128	8,090	440	3,560
1965	7,300	450	3,285	440	452	199	7,740	450	3,484
1966	11,700	390	4,563	520	417	217	12,220	391	4,780
1967	7,000	492	3,444	540	497	268	7,540	492	3,712
1968	7,000	518	3,626	600	520	312	7,600	518	3,928
1969	7,100	550	3,905	300	555	167	7,400	550	4,072
1970	8,750	570	4,988	510	571	291	9,260	570	5,279
1971	11,000	414	4,554	370	416	154	11,370	414	4,708
1972	9,600	508	4,877	550	509	280	10,150	508	5,175
1973	11,700	570	6,669	550	635	349	12,250	573	7,018
1974	6,400	560	3,584	300	565	170	6,700	560	3,754
1975	11,800	610	7,198	320	595	190	12,120	610	7,388
1976	6,950	640	4,448	220	635	140	7,170	640	4,588
1977	11,400	687	7,832	350	674	236	11,750	687	8,068
1978 ³	13,700	805	11,029	350	835	292	14,050	806	11,321

¹ Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 500 tons in 1974.² Equivalent returns per ton at first delivery point.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 390.—Filberts (shelled basis¹): Foreign trade, United States, 1964–77

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	<i>Tons</i>		<i>Tons</i>		<i>Tons</i>
1964	2,724	1969	2,222	1974	2,017
1965	2,377	1970	3,549	1975	4,248
1966	2,342	1971	2,144	1976	6,427
1967	3,366	1972	4,127	1977	3,795
1968	4,168	1973	6,539		

¹ Unshelled nuts converted to shelled basis at ratio of 2.22 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 391.—Macadamia nuts (in-the-shell): Area, yield, production, price, and value, Hawaii, 1964–78

Year	Area harvested	Yield per harvested acre ¹	Production ²	Price per pound	Value	Year	Area harvested	Yield per harvested acre ¹	Production ²	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	2,520	3.1	7,655	15.6	1,194	1972	5,000	2.6	13,110	23.3	3,055
1965	2,780	3.1	8,538	19.4	1,656	1973	5,080	2.4	12,124	25.5	3,092
1966	2,950	3.0	8,726	21.0	1,832	1974	5,760	2.8	16,370	32.0	5,238
1967	3,340	2.4	7,972	24.6	1,961	1975	6,080	3.0	18,210	31.6	5,754
1968	3,680	2.8	10,444	22.8	2,381	1976	6,300	3.0	18,990	36.9	7,007
1969	4,030	2.5	10,057	24.6	2,474	1977	6,300	3.1	19,680	40.8	8,030
1970	4,115	3.2	13,216	21.7	2,868	1978 ³	9,200	2.3	20,980	53.8	11,287
1971	4,900	2.9	14,448	24.7	3,569						

¹ Derived from total production.² Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 27 in 1964, 111 in 1965, and 150 in 1966.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 392.—Pecans (in the shell): Production, season average price per pound, and value, United States, 1964–78

Year	Improved varieties			Native and seedling			All pecans		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	55,950	27.5	15,388	122,650	20.4	25,002	178,600	22.6	40,390
1965	123,050	20.3	24,958	128,050	15.6	19,993	251,100	17.9	44,951
1966	83,960	31.6	26,538	77,640	26.0	20,214	161,600	28.9	46,752
1967	104,200	37.7	39,239	127,700	30.4	38,787	231,900	33.6	78,026
1968	94,730	42.2	40,011	97,770	32.8	32,082	192,500	37.5	72,093
1969	135,700	31.8	43,114	90,400	27.0	24,365	226,100	29.8	67,479
1970	81,720	42.1	34,403	73,380	35.6	26,125	155,100	39.0	60,528
1971	142,300	35.4	50,369	103,900	29.8	30,917	246,200	33.0	81,286
1972	88,990	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,636
1973	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,287
1974	86,800	52.5	45,542	50,300	38.2	19,199	137,100	47.2	64,741
1975	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	98,200
1976	77,300	87.5	67,603	25,800	63.5	16,380	103,100	81.5	83,983
1977	137,900	66.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459
1978 ¹	164,500	64.5	106,170	86,200	52.9	45,560	250,700	60.5	151,730

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 393.—Pecans (in the shell): Production and season average price per pound, by States, 1976–78

Item and State	Production			Price for crop of—		
	1976	1977	1978 ¹	1976	1977	1978 ¹
IMPROVED VARIETIES	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ala	4,000	25,600	13,000	88.0	52.6	60.8
Ark	700	900	1,000	85.0	75.0	81.0
Fla	1,000	2,300	1,600	76.0	59.0	65.0
Ga	43,000	68,000	105,000	85.0	66.0	60.0
La	700	3,500	2,500	95.0	55.0	90.0
Miss	1,000	6,500	6,000	88.5	65.0	67.0
N. Mex	11,500	15,000	15,000	100.0	81.0	75.0
N.C	1,900	1,100	2,800	72.0	61.0	58.0
Okla	800	1,500	2,000	90.0	77.0	89.0
S.C	1,700	1,500	3,600	80.0	68.7	77.0
Tex	11,000	12,000	12,000	88.0	79.0	81.0
U.S	77,300	137,900	164,500	87.5	66.0	64.5
NATIVE AND SEEDLING						
Ala	1,000	6,400	9,000	65.5	41.8	46.1
Ark	300	2,100	3,000	61.0	50.0	60.0
Fla	1,500	3,800	2,600	60.0	47.0	51.0
Ga	9,000	20,000	30,000	65.0	49.0	50.0
La	1,300	27,500	6,500	60.0	40.0	60.0
Miss	500	4,500	4,000	62.5	45.0	48.0
N.C	900	900	1,200	53.0	50.0	42.0
Okla	1,500	12,000	13,500	60.0	46.0	56.0
S.C	800	1,500	2,400	59.0	49.2	59.2
Tex	9,000	20,000	14,000	65.0	52.0	57.0
U.S	25,800	98,700	86,200	63.5	46.0	52.9
ALL PECANS						
Ala	5,000	32,000	22,000	83.5	50.4	54.8
Ark	1,000	3,000	4,000	77.8	57.5	65.3
Fla	2,500	6,100	4,200	66.4	51.5	56.3
Ga	52,000	88,000	135,000	81.5	62.1	57.8
La	2,000	31,000	9,000	72.3	41.7	68.3
Miss	1,500	11,000	10,000	79.9	56.8	59.4
N. Mex	11,500	15,000	15,000	100.0	81.0	75.0
N.C	2,800	2,000	4,000	65.9	56.1	53.2
Okla	2,300	13,500	15,500	70.4	49.4	60.3
S.C	2,500	3,000	6,000	73.3	59.0	69.9
Tex	20,000	32,000	26,000	77.7	62.1	68.1
U.S	103,100	236,600	250,700	81.5	57.7	60.5

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 394.—Pecans (shelled basis¹): Foreign trade, United States, 1964–77

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	296	2,536	1969	260	1,949	1974	5	3,387
1965	6	2,669	1970	1,244	1,719	1975	2,630	3,660
1966	418	1,778	1971	325	2,027	1976	3,123	2,348
1967	248	1,903	1972	34	2,290	1977	481	3,610
1968	750	1,840	1973	132	2,581			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 395.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1964–78

Year	California			Oregon			California and Oregon		
	Production	Price	Value	Production ¹	Price	Value	Production ¹	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	86,100	458	39,434	4,100	430	1,763	90,200	457	41,197
1965	79,000	432	34,128	1,300	420	546	80,300	432	34,674
1966	92,000	460	42,320	4,000	400	1,600	96,000	458	43,920
1967	74,000	560	41,440	2,400	500	1,200	76,400	558	42,640
1968	92,000	650	59,800	3,600	540	1,944	95,600	646	61,744
1969	103,000	420	43,260	2,500	364	910	105,500	419	44,170
1970	108,000	407	43,956	3,800	360	1,368	111,800	405	45,324
1971	135,000	420	56,700	1,400	290	406	136,400	419	57,106
1972	116,000	564	65,424	800	538	430	116,800	564	65,854
1973	174,000	605	105,270	1,000	550	550	175,000	605	105,820
1974	155,000	419	64,945	1,500	380	570	156,500	419	65,515
1975	198,000	456	90,288	1,300	390	507	199,300	456	90,795
1976	183,000	627	114,741	700	605	424	183,700	627	115,165
1977	192,000	731	140,352	500	710	355	192,500	731	140,707
1978 ²	160,000	1,290	206,400	(³)	(³)	(³)	.....	.....	.....

¹ Additional quantities not harvested are as follows (tons): 1975—Oregon, 200.² Preliminary.³ Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 396.—Walnuts (shelled basis¹): Foreign trade, United States, 1964–77

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>
1964	1,331	1,495	1969	116	2,876	1974	17	13,332
1965	671	2,050	1970	247	4,276	1975	59	21,868
1966	1,316	2,104	1971	336	7,740	1976	26	19,148
1967	2,174	1,176	1972	646	6,874	1977	73	8,461
1968	1,545	1,324	1973	79	11,959			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 397.—Cacao beans: United States imports by country of origin, 1976-78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa:			
Costa Rica	3,289	4,498	3,375	Equatorial Guinea	244		
Dominican Republic	23,887	24,224	26,911	Ghana	48,625	33,988	24,001
Haiti	1,543	1,400	2,322	Ivory Coast	19,121	38,634	52,042
Mexico	3,723	3,713	1,631	Nigeria	43,113	20,746	34,869
Trinidad and Tobago	1,279	1,887	1,525	Sierra Leone	813		
Other countries	3,433	3,406	4,319	Other countries	1,853	964	2,281
Total	37,154	39,128	40,083	Total	113,769	94,332	113,193
South America:				Asia and Oceania ²	14,899	8,112	5,979
Brazil	59,451	26,271	39,144	Europe	30	136	607
Ecuador	10,280	3,720	7,368	Grand total	239,157	174,903	208,562
Venezuela	2,828	1,830	536				
Other countries	746	1,374	1,652				
Total	73,305	33,195	48,700				

¹ Preliminary.² Primarily Papua New Guinea.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 398.—Cacao beans: Exports from principal producing countries, 1975-77

Continent and country	1975	1976	1977	Continent and country	1975	1976	1977
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa—Continued			
Costa Rica	5,390	4,180	5,100	Ghana	322,225	327,643	249,084
Dominican Republic	22,291	24,496	25,688	Ivory Coast	167,524	191,409	158,491
Grenada	2,192	2,962	2,700	Liberia	3,163	2,513	2,029
Jamaica	1,626	1,398	1,608	Madagascar	1,246	1,653	1,567
Mexico	3,669	8,391	4,757	Nigeria	194,692	222,966	154,610
Trinidad and Tobago	4,821	2,982	1,437	São Tomé and			
Other countries	4,007	3,946	3,199	Principe	5,188	5,605	6,071
Total	43,996	48,355	44,489	Sierra Leone	5,567	5,790	5,454
South America:				Tanzania	618	658	675
Brazil	176,628	128,838	107,625	Togo	16,183	11,806	12,377
Ecuador	37,822	22,236	20,085	Uganda	91	123	100
Peru	101	645	1,834	Zaire	5,305	4,586	4,589
Venezuela	14,393	7,622	7,395	Total	805,906	857,516	664,683
Total	228,944	159,341	136,939	Asia and Oceania:			
Africa:				Indonesia	1,115	1,338	1,973
Angola	362	200	200	Malaysia	11,775	14,751	13,584
Benin	1,610	1,008	1,500	New Hebrides	564	649	855
Cameroon	72,474	68,612	56,843	Papua New Guinea	30,473	31,344	29,428
Comoros	15	15	20	Sri Lanka	1,075	660	1,248
Congo	2,263	2,415	2,433	Western Samoa	1,346	1,662	2,020
Equatorial Guinea	3,000	7,000	5,000	Total	46,348	50,404	49,108
Gabon	4,380	3,514	3,640	Grand total	1,125,194	1,115,616	895,219

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 399.—Coffee: Area, yield, production, price, and value, Hawaii, 1964–65 to 1978–79

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value	Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964–65 . . .	3,900	2.6	9,947	0.304	3,025	1972–73 . .	2,400	1.5	3,640	0.504	1,835
1965–66 . . .	3,800	2.0	7,500	.315	2,362	1973–74 . .	2,500	1.2	3,040	.563	1,711
1966–67 . . .	3,700	2.2	8,040	.256	2,058	1974–75 . .	2,500	.6	1,540	.464	714
1967–68 . . .	3,500	1.6	5,440	.271	1,474	1975–76 . .	2,000	.9	1,860	.752	1,399
1968–69 . . .	3,200	1.8	5,700	.258	1,471	1976–77 . .	2,000	1.1	2,120	1.85	3,922
1969–70 . . .	2,900	1.4	4,130	.355	1,466	1977–78 . .	2,000	1.1	2,270	1.38	3,133
1970–71 . . .	2,700	1.6	4,300	.337	1,449	1978–79 ¹ .	1,900	.9	1,780	1.16	2,072
1971–72 . . .	2,400	1.2	2,930	.346	1,014						

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 400.—Coffee: United States imports by country of origin, 1976–78¹

Continent and country	1976	1977	1978 ²	Continent and country	1976	1977	1978 ²
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Continued			
Costa Rica	179	272	334	Cameroon	146	108	209
Dominican Republic	551	585	461	Ethiopia	703	288	461
El Salvador	1,045	1,037	627	Ivory Coast	1,330	673	775
Guatemala	749	832	942	Madagascar	392	212	406
Mexico	1,869	1,406	1,390	Rwanda	377	125	231
Nicaragua	155	119	147	Tanzania	226	216	334
Other countries	612	394	667	Uganda	941	966	438
Total	5,160	4,645	4,568	Other countries	722	768	1,030
South America:				Total	5,708	3,405	4,188
Brazil	3,092	2,453	2,694	Asia and Oceania:			
Colombia	2,688	1,951	2,808	India	197	158	277
Ecuador	767	505	1,044	Indonesia	1,082	860	1,177
Peru	432	461	654	Other countries	304	172	242
Other countries	324	180	467	Total	1,583	1,190	1,696
Total	7,303	5,550	7,667	Other countries	34	18	14
Africa:				Grand total	19,788	14,808	18,133
Angola	871	49	304				

¹ Green coffee only; does not include roasted or soluble.² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 405

¹ Less than 500 kilograms

Foreign Agricultural Service and U.S. Department of Commerce.

Table 401.—Coffee: Exports from principal producing countries, 1975-77¹

Continent and country of origin	1975	1976	1977 ²	Continent and country of origin	1975	1976	1977 ²
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Continued			
Costa Rica	1,283	1,071	1,127	Central African Empire	233	240	134
Dominican Republic	417	611	652	Ethiopia	962	1,133	801
El Salvador	2,372	2,552	2,337	Guinea	55	17	33
Guatemala	2,262	1,985	2,149	Ivory Coast	4,234	5,380	3,886
Haiti	297	447	265	Kenya	1,128	1,292	1,572
Honduras	810	730	599	Madagascar	1,124	1,216	844
Mexico	2,298	2,744	1,406	Tanzania	906	964	759
Nicaragua	674	794	825	Togo	132	162	100
Total	10,413	10,934	9,360	Uganda	3,217	2,724	2,200
				Zaire	982	1,784	1,069
South America:				Total	17,198	17,949	13,620
Brazil	13,036	13,424	8,540	Asia and Oceania:			
Colombia	8,138	6,233	5,322	India	1,026	807	888
Ecuador	1,030	1,440	904	Indonesia	2,139	2,268	2,673
Peru	703	785	741	Papua New Guinea	613	618	800
Venezuela	216	298	183	Total	3,778	3,693	4,361
Total	23,123	22,180	15,690	Grand total	54,512	54,756	43,031
Africa:							
Angola	2,665	1,395	1,039				
Cameroon	1,560	1,642	1,183				

¹Green coffee only; does not include roasted or soluble.²Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 402.—Tea: United States imports by country of origin, 1976-78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Asia and Oceania—Continued			
Canada	2,640	2,513	2,170	India	7,958	12,317	1,682
Total	2,640	2,513	2,170	Indonesia	11,557	14,700	10,745
South America:				Japan	3,229	3,378	3,218
Argentina	2,120	4,891	6,729	Papua New Guinea	600	222	433
Brazil	2,178	2,348	2,027	Sri Lanka	21,090	16,636	14,005
Ecuador	905	822	607	Other countries	214	618	367
Peru . . . . .	...	100	...	Total	53,600	58,647	37,304
Total	5,203	8,161	9,363	Africa:			
Europe:				Kenya	10,687	9,470	8,230
Germany, Fed. Rep. of	106	170	38	Malawi	4,067	5,611	4,242
Netherlands	1,325	3,002	4,080	Mozambique	2,036	2,329	1,391
United Kingdom	450	872	552	Rwanda	767	242	438
Other countries	13	23	38	Tanzania	515	441	779
Total	1,894	4,067	4,708	Uganda	137	102	...
Asia and Oceania:				Zaire	362	299	86
Bangladesh	1,100	897	1,008	Other countries	331	204	123
China: Mainland	3,046	4,216	2,881	Total	18,902	18,698	15,289
Taiwan	4,806	5,663	2,965	Grand total	82,239	92,086	68,834

¹Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 403.—Tea: Exports from principal producing countries, 1975–77

Continent and country	1975	1976	1977 ¹	Continent and country	1975	1976	1977 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South America:				Asia and Oceania:			
Argentina	17,434	25,138	26,941	Bangladesh	24,104	30,725	25,964
Brazil	4,496	5,471	5,043	China: Mainland ²	55,000	62,000	68,000
Ecuador	728	1,167	1,200	Taiwan	20,127	21,112	20,845
Peru	151	32	89	India	219,410	237,303	223,980
Total	22,809	31,808	33,273	Indonesia	45,961	47,492	51,273
Africa:				Iran	1,320	1,742	1,568
Burundi	851	1,164	1,200	Japan	2,210	3,241	3,594
Kenya	52,627	59,265	70,222	Malaysia	528	476	519
Malawi	24,151	29,630	29,914	Papua New Guinea	4,856	6,057	7,000
Mauritius	2,061	3,351	3,481	Sri Lanka	212,433	199,738	185,542
Mozambique	12,216	12,863	12,927	Turkey	25	56	4,190
Rwanda	3,848	4,537	5,367	Total	585,974	609,942	592,475
Tanzania	10,356	11,998	11,121	Grand total	736,459	779,792	778,852
Uganda	16,964	11,652	14,662				
Zaire	4,602	3,582	4,210				
Total	127,676	138,042	153,104				

¹ Preliminary.² Estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 404.—Mushrooms: Area, production, price, and value, United States, 1966–77

Year beginning July	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	<i>1,000 sq. ft.</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966	80,595	164,915	35.2	58,025	19,520	38,505
1967	83,389	180,591	34.1	61,653	21,384	40,269
1968	84,728	188,807	35.9	67,856	25,845	42,011
1969	82,350	193,879	37.5	72,705	28,004	44,701
1970	87,490	206,810	43.3	89,620	31,688	57,932
1971	93,798	231,373	46.2	106,882	38,386	68,496
1972	102,315	254,002	43.3	109,975	42,596	67,379
1973	107,584	279,493	44.1	123,354	58,407	64,947
1974	110,921	299,081	49.2	147,242	76,552	70,690
1975	114,711	309,816	61.7	191,098	102,234	88,864
1976	117,692	347,129	73.7	255,678	124,613	131,065
1977	135,101	398,703	77.1	307,588	172,159	135,429

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 405.—Mushrooms, canned: United States imports by country of origin, 1969–78

Country	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belgium-Luxembourg . . .	5	(¹)	(¹)	139	7	.....	1	8	(¹)	.....
Canada	(¹)	113	60	71	100	132	117	233	281	30
China, Mainland . . . . .	.....	.....	6	57	91	92	27	50	19	8
Taiwan	8,507	9,931	11,189	16,513	14,049	13,626	15,892	18,246	22,203	22,331
Costa Rica . . . . .	.....	2	104	179	233	364	68	41	128	583
Dominican Rep . . . . .	.....	.....	13	207	408	312	147	65	225	.....
Ecuador	100	180	177	209	282	153	207	.....	.....	.....
France	393	339	449	876	420	236	155	336	165	194
Hong Kong	2	14	16	165	82	99	117	110	1,586	4,369
Japan	750	355	441	560	499	581	775	774	485	406
Korea, Rep. of	292	142	1,207	4,511	6,354	3,525	6,348	10,492	8,512	11,643
Mexico	141	60	118	213	105	57	2	.....	24	.....
Other	99	117	187	132	175	62	133	110	100	262
Total	10,289	11,253	13,954	23,638	22,604	19,335	24,154	30,547	33,568	40,051

See footnotes on page 262

Table 406.—Flowers: Sales and value, United States, 1966–78

Year	Quantity sold ¹	Wholesale price	Value of sales at wholesale ²	Quantity sold ¹	Wholesale price	Value of sales at wholesale ²
	Standard carnations ³			Miniature carnations ³		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>
	570,427	7.6	43,270	1,614	1.01	1,628
	613,471	7.4	45,607	2,155	.97	2,084
	619,052	7.3	45,152	2,539	1.00	2,534
	589,157	7.4	43,742	2,293	1.13	2,602
	584,395	8.2	48,096	3,002	1.20	3,602
	616,051	7.5	45,964	3,277	1.11	3,642
	601,768	7.3	44,015	3,874	1.18	4,577
	561,383	7.7	43,212	3,971	1.18	4,701
	517,880	8.8	45,573	4,736	1.19	5,625
	501,799	8.4	42,328	4,703	1.28	6,007
	466,363	9.1	42,594	4,844	1.39	6,729
	Standard chrysanthemums			Pompon chrysanthemums		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>
	133,688	17.4	23,320	28,433	0.78	22,158
	133,312	18.3	24,416	27,560	.80	22,845
	130,869	20.2	26,426	30,497	.84	25,636
	136,778	19.6	26,813	32,903	.83	27,195
	147,000	18.3	26,925	32,431	.82	26,651
	144,706	19.0	27,516	34,455	.85	29,241
	137,144	21.2	29,140	33,649	.89	29,793
	138,243	21.6	29,813	36,129	.91	32,967
	144,042	20.5	29,582	37,864	.82	30,922
	135,715	21.6	29,371	35,708	.87	31,093
	140,397	20.9	29,326	35,603	.96	34,157
111,738	25.6	28,626	35,936	.99	35,479	
124,524	25.7	31,943	37,892	1.03	38,910	
	Potted chrysanthemums			Gladioli		
	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>
	11,070	1.43	15,875	28,619	66.0	18,860
	12,897	1.41	18,176	25,748	69.0	17,753
	13,403	1.46	19,595	28,080	75.0	21,115
	14,260	1.54	21,938	27,170	79.0	21,343
	16,117	1.52	24,525	23,360	80.0	18,725
				<i>Spikes⁴</i>		
	17,504	1.53	26,803	284,664	7.0	19,140
	19,141	1.60	30,668	273,244	7.4	20,287
	20,588	1.66	34,096	234,768	8.3	19,514
	21,655	1.79	38,672	223,361	8.4	18,763
	21,711	1.95	42,237	188,290	9.1	17,072
26,481	2.07	54,776	181,162	9.5	17,158	
28,336	1.95	55,305	165,593	10.0	16,535	
27,544	2.17	59,647	148,926	10.9	16,248	
	Hybrid Tea roses ³			Sweetheart roses ³		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>
	309,882	13.0	40,241	98,972	9.1	8,988
	317,209	13.7	43,349	110,189	9.5	10,509
	308,713	13.6	42,030	130,152	9.2	12,017
	308,441	14.1	43,511	120,374	9.3	11,155
	309,596	15.3	47,439	122,007	10.0	12,205
	297,355	16.4	48,866	120,413	10.8	12,960
	319,161	16.8	53,635	123,653	11.5	14,254
	306,279	17.7	54,256	112,221	12.3	13,753
	307,584	19.1	58,854	114,689	13.7	15,661
	301,107	20.6	62,177	118,023	14.1	16,604
	306,806	22.5	69,069	112,449	16.0	18,005

¹Blooms for carnations, standard chrysanthemums, and roses; bunches for pompon chrysanthemums; dozen spikes for gladioli; and pots for potted chrysanthemums.

²Equivalent wholesale value of all sales.

³Prior to 1968, separate data by type not available.

⁴Beginning 1971, unit changed to spikes sold.

Table 407.—Selected floriculture crops: Gross wholesale value of sales,¹ 1977 and 1978, in selected States

State	Cut flowers													
	Carnations				Chrysanthemums				Gladioli		Roses		Snapdragons	
	Standard		Miniature		Standard		Pompon				Hybrid Tea			Sweetheart
											1977	1978		
		1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.														
Ark.														
Calif.	25,645	26,197	3,422	3,763	17,303	21,117	3,688	3,750	23,035	25,761	4,073	5,016	84	106
Colo.	13,987	14,244	1,272	1,653	294	267			4,114	5,005	(2)	1,246	50	20
Conn.			149	88	9,851	9,479	9,629	9,840			(2)	(2)	31	25
Fla.			433	440									249	(2)
Ga.														
Ill.					422	275	447	702	3,572	3,233	939	774	77	102
Ind.					746	705	311		3,897	6,149	1,791	1,941	171	179
Iowa													35	39
Kans.														
Mass.					733	863								
Md.					733	863								
Mich.	431	224	255	340	567	648			2,771	3,254	1,066	918	172	172
Minn.					482	391			2,089	2,534	757	798	353	335
Mo.					974	713			1,348	1,486	539	512	128	150
N.J.													40	42
N.Y.					730	755	199						18	16
N.C.					478	493	313	1,371	1,250	843	357	(2)	93	103
N.C.					999	991	850	974	4,367	5,162	1,138	1,287	209	267
N.C.	650	303			2,100	1,784	718	238	2,779	2,873	752	709	264	192
Ohio	618	527	188	177	2,491	2,706	1,340		(2)	(2)	(2)	(2)	269	312
Oreg.														
Pa.														
Pa.	997	1,099	288	268	1,376	1,687			6,306	7,151	2,410	2,584	236	279
Tenn.													25	43
Tex.					443	465								
Va.													115	111
Wash.									1,029	981	409	442		
Wis.													43	(2)
Unallocated									3,620	4,637	2,373	1,778		146
Total	42,328	42,594	6,007	6,729	28,626	31,943	35,479	16,535	62,177	69,069	16,604	18,005	2,662	2,639

See footnotes at end of table.

Table 407.—Selected floriculture crops: Gross wholesale value of sales,¹ 1977 and 1978, in selected States—Continued

States	Flowering pot plants						Bedding and foliage plants					
	Potted chrysanthemums		Potted geraniums		Potted hydrangeas		Potted lilies		Potted poinsettias		Bedding plants ³	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	Flowering	Vegetable
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	..	..	..	..	168	354	839	1,285	..	..	..	..
Ark.	..	..	171	354	122	190	215	460	..	..	..	..
Calif.	10,062	12,875	423	452	449	980	2,688	7,074	8,977	1,735	2,423	4,814
Colo.	1,150	886	669	763	91	88	360	336	948	1,097	725	5,126
Conn.	7,243	4,666	741	944	..	..	320	249	896	918	1,138	799
Fla.	..	5,195	..	..	868	815	816	831	1,872	2,274	3,032	493
Ga.	..	..	490	506	179	192	173	182	929	1,008	1,288	424
Hawaii	..	..	..	..	..	..	..	..	..	..	..	..
Ill.	2,807	2,884	1,786	2,304	41	63	1,252	977	3,416	2,947	3,358	996
Ind.	1,135	1,078	1,198	1,253	129	143	262	297	940	1,103	1,652	792
Iowa	1,532	1,420	864	919	69	63	512	502	1,002	1,004	1,478	635
Kans.	..	..	..	..	54	188	41	33	328	390	396	173
Md.	422	579	..	..	(2)	213	272	913	1,213	1,213	3,088	180
Mass.	863	1,045	2,387	2,656	60	78	805	774	1,519	2,063	3,019	557
Mich.	3,025	3,263	3,647	4,315	165	165	1,405	1,332	3,110	3,517	2,793	959
Minn.	1,053	1,065	1,121	1,145	..	..	702	701	1,088	1,219	10,928	3,881
Mo.	1,634	3,261	666	651	339	356	517	434	1,298	1,236	2,876	1,108
N.J.	1,150	956	1,566	1,504	288	229	747	633	1,622	1,674	2,004	813
N.Y.	2,615	3,218	3,211	3,781	420	621	945	986	2,800	3,728	1,652	490
N.C.	2,541	3,260	912	858	402	491	443	632	1,629	2,798	6,129	2,741
Ohio	4,412	5,254	4,495	5,369	423	402	1,206	974	1,614	6,027	2,798	2,116
Oreg.	..	..	793	958	(2)	(2)	239	329	4,161	907	11,219	1,008
Pa.	2,754	2,560	1,902	2,376	256	188	865	857	2,850	2,845	1,454	759
Tenn.	1,069	1,761	..	..	200	240	288	1,391	881	2,254	1,259	3,457
Tex.	6,723	6,321	1,522	1,011	955	725	746	477	3,815	2,782	2,941	671
Va.	..	..	..	..	..	..	176	215	..	..	1,479	708
Wash.	1,144	1,139	900	853	50	96	440	748	1,312	1,430	2,134	2,189
Wis.	1,206	1,161	1,194	1,180	94	88	654	748	1,706	1,706	3,589	604
Unallocated	..	..	..	..	417	512	..	..	1,250	1,463	2,520	467
Total	55,305	59,647	30,487	33,798	6,242	7,016	17,285	17,145	47,084	54,803	96,811	30,517
											32,374	275,300
											1,000 dollars	1,000 dollars

¹ Equivalent wholesale value of all sales for all crops except foliage plants;

for foliage plants, value is based on net value of sales.

² Unallocated to avoid disclosure of individual operations.³ Excludes value of sales from "open acreage" grown outdoors.

Economics, Statistics, and Cooperative Service—Crop Reporting Board.

CHAPTER VI

STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 421 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1975. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for states where the crop is not estimated currently.

Table 408.—Hay, all: Area, yield, production, disposition, and value, United States, 1964–78

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	67,375	1.76	118,778	96,747	22,031	23.90	2,809,130
1965	67,496	1.86	125,610	102,554	23,056	23.20	2,915,468
1966	64,356	1.88	120,930	98,797	22,133	25.00	2,889,799
1967	63,303	1.98	125,134	102,387	22,747	24.50	2,866,364
1968	60,922	2.04	124,244	101,213	23,031	23.60	2,821,800
1969	59,716	2.11	126,026	102,678	23,348	24.70	2,936,788
1970	61,467	2.07	126,969	102,619	24,350	26.10	3,076,382
1971	61,355	2.10	129,132	104,064	25,068	28.10	3,335,209
1972	59,680	2.15	128,565	102,792	25,773	31.30	3,729,522
1973	61,828	2.17	134,217	107,002	27,215	41.60	5,003,991
1974	60,195	2.10	126,384	100,897	25,487	50.90	5,790,715
1975	61,324	2.16	132,210	105,575	26,635	52.20	6,449,148
1976	60,311	1.99	120,006	94,449	25,557	60.30	6,810,799
1977	60,658	2.16	131,313	104,376	26,937	54.00	6,782,482
1978 ¹	61,495	2.31	142,264	114,558	27,706	50.00	6,579,701

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 409.—Hay, all: Stocks on farms, United States, 1964–79

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1964	82,628	19,809	1972	89,445	25,472
1965	79,077	16,568	1973	88,790	24,311
1966	88,609	22,720	1974	93,159	25,353
1967	84,881	21,938	1975	84,687	18,505
1968	88,460	24,929	1976	86,209	25,501
1969	89,687	23,664	1977	77,432	19,505
1970	89,365	24,056	1978	97,480	24,077
1971	87,651	22,200	1979 ¹	98,127	29,922

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 410.—Hay, all: Area, yield, and production, by States, 1976–78

State	Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
Ala.	650	630	650	1.70	1.60	1.70	1,105	1,008	1,105
Ariz.	245	250	244	6.30	5.84	5.66	1,544	1,461	1,382
Ark.	740	778	795	1.68	1.80	1.73	1,241	1,404	1,375
Calif.	1,630	1,670	1,610	4.63	4.63	4.32	7,554	7,729	6,955
Colo.	1,410	1,350	1,370	2.12	2.06	2.20	2,991	2,785	3,013
Conn.	88	83	87	1.91	1.94	2.23	168	161	194
Del.	22	23	22	2.27	2.04	2.18	50	47	48
Fla.	219	226	235	1.95	2.00	2.00	427	452	470
Ga.	450	470	475	2.30	1.60	2.00	1,035	752	950
Idaho.	1,310	1,366	1,379	3.21	3.26	3.41	4,201	4,459	4,708
Ill.	1,230	1,230	1,220	2.83	3.01	3.01	3,458	3,708	3,671
Ind.	900	895	875	2.39	2.66	2.63	2,150	2,384	2,300
Iowa.	2,360	2,340	2,300	2.82	3.17	3.61	6,654	7,423	8,301
Kans.	2,275	2,290	2,290	1.99	2.31	2.04	4,535	5,294	4,676
Ky.	1,528	1,568	1,618	1.96	1.97	1.95	2,988	3,093	3,162
La.	375	375	360	1.91	1.91	2.01	718	715	724
Maine.	212	214	221	2.04	1.59	2.10	433	340	465
Md.	246	243	249	2.39	2.18	2.53	589	530	631
Mass.	121	117	116	2.10	1.99	2.26	254	233	262
Mich.	1,290	1,300	1,370	2.37	2.20	2.69	3,060	2,855	3,683
Minn.	3,250	3,140	3,060	1.77	2.59	2.92	5,765	8,136	8,932
Miss.	663	662	645	1.70	1.77	1.85	1,130	1,172	1,193
Mo.	3,350	3,455	3,450	1.48	1.65	1.73	4,948	5,700	5,980
Mont.	2,210	2,240	2,420	1.80	1.74	1.89	3,978	3,907	4,576
Nebr.	3,800	3,900	3,800	1.57	1.93	1.98	5,953	7,530	7,538
Nev.	460	420	445	2.04	2.09	2.16	939	879	963
N.H.	93	89	91	1.94	2.08	1.99	180	185	181
N.J.	122	120	119	2.44	2.55	2.61	298	306	310
N. Mex.	293	301	301	3.36	3.73	3.50	984	1,124	1,054
N.Y.	2,400	2,350	2,475	2.23	1.97	2.14	5,352	4,639	5,297
N.C.	350	350	360	1.46	1.49	1.70	510	521	612
N. Dak.	3,440	3,140	3,510	1.16	1.03	1.84	3,976	3,229	6,453
Ohio.	1,540	1,550	1,520	2.31	2.30	2.59	3,554	3,558	3,934
Okla.	1,610	1,775	1,740	1.83	1.98	1.85	2,947	3,520	3,222
Oreg.	1,050	1,030	1,045	2.34	2.37	2.49	2,459	2,437	2,607
Pa.	1,870	1,915	1,935	2.19	2.03	2.23	4,095	3,889	4,323
R.I.	9	8	8	2.00	1.88	2.13	18	15	17
S.C.	215	220	222	2.00	1.80	2.00	430	396	444
S. Dak.	4,300	4,500	4,600	0.66	1.40	1.88	2,840	6,292	8,625
Tenn.	1,210	1,225	1,250	1.52	1.49	1.53	1,845	1,820	1,912
Tex.	2,150	2,250	2,355	2.50	2.08	1.85	5,370	4,676	4,368
Utah.	580	584	594	3.14	3.15	3.18	1,820	1,842	1,886
Vt.	454	443	443	1.89	1.63	2.00	860	721	885
Va.	942	932	950	1.31	1.16	1.73	1,235	1,083	1,640
Wash.	869	876	876	2.81	2.78	2.95	2,446	2,432	2,582
W. Va.	595	580	595	1.41	1.43	1.63	838	830	970
Wis.	3,980	4,040	4,000	2.04	2.97	2.91	8,126	12,002	11,635
Wyo.	1,215	1,145	1,200	1.61	1.43	1.71	1,955	1,639	2,050
U.S.	60,311	60,658	61,495	1.99	2.16	2.31	120,006	131,313	142,264

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 411.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1976–78

State	Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz	207	210	206	7.00	6.50	6.30	1,449	1,365	1,298
Ark	60	68	70	2.55	2.90	2.55	153	197	179
Calif	1,100	1,140	1,090	6.00	5.85	5.45	6,600	6,669	5,941
Colo	750	710	730	2.80	2.75	2.90	2,100	1,953	2,117
Conn	22	20	21	2.80	2.40	2.60	62	48	55
Del	7	7	7	3.00	3.00	3.20	21	21	22
Idaho	1,020	1,070	1,080	3.55	3.60	3.75	3,621	3,852	4,050
Ill	760	770	760	3.40	3.65	3.65	2,584	2,811	2,774
Ind	400	420	420	3.00	3.30	3.20	1,200	1,386	1,344
Iowa	1,720	1,750	1,720	3.05	3.50	4.00	5,246	6,125	6,880
Kans	1,000	1,010	1,050	2.75	3.15	2.80	2,750	3,182	2,940
Ky	198	208	208	3.00	3.10	3.00	594	645	624
La	13	13	13	2.30	2.05	2.30	30	27	30
Maine	20	22	21	2.45	2.35	2.60	49	52	55
Md	66	68	69	3.20	2.90	3.40	211	197	235
Mass	27	25	26	2.45	2.30	2.60	66	58	68
Mich	980	1,000	1,080	2.60	2.45	2.90	2,548	2,450	3,132
Minn	2,190	2,200	2,140	2.10	3.10	3.40	4,599	6,820	7,276
Miss ²	13	12		1.95	2.85		25	34	
Mo	500	575	550	2.20	2.65	2.70	1,100	1,524	1,485
Mont	1,170	1,170	1,250	2.20	2.15	2.35	2,574	2,516	2,938
Nebr	1,650	1,700	1,650	2.50	3.20	3.20	4,125	5,440	5,280
Nev	180	180	185	3.35	3.35	3.45	603	603	638
N.H	19	19	19	2.45	2.75	2.55	47	52	48
N.J	54	55	55	3.50	3.30	3.30	189	182	182
N. Mex	226	231	231	4.00	4.50	4.20	904	1,040	970
N.Y	990	990	1,025	2.70	2.35	2.55	2,673	2,327	2,614
N.C	15	16	17	2.70	2.30	2.70	41	37	46
N. Dak	1,840	1,600	1,980	1.30	1.20	2.10	2,392	1,920	4,158
Ohio	550	600	590	2.95	3.00	3.20	1,623	1,800	1,888
Okla	350	400	510	3.20	3.30	2.70	1,120	1,320	1,377
Oreg	410	415	415	3.50	3.50	3.70	1,435	1,453	1,536
Pa	810	825	840	2.70	2.60	2.80	2,187	2,145	2,352
R.I	3	3	3	2.60	2.30	2.50	8	7	8
S. Dak	2,300	2,440	2,500	0.80	1.65	2.40	1,840	4,026	6,000
Tenn	95	100	105	2.40	2.45	2.40	228	245	252
Tex	200	180	205	5.40	4.70	4.00	1,080	846	820
Utah	460	465	470	3.50	3.50	3.55	1,610	1,628	1,669
Vt	94	98	93	2.25	1.90	2.55	212	186	237
Va	77	82	80	2.00	1.80	3.10	154	148	248
Wash	500	503	503	3.60	3.50	3.80	1,800	1,761	1,911
W. Va	80	80	90	2.10	2.25	2.35	168	180	212
Wis	3,010	3,100	3,100	2.20	3.25	3.10	6,622	10,075	9,610
Wyo	515	525	530	2.30	2.00	2.35	1,185	1,050	1,246
U.S	26,651	27,075	27,707	2.62	2.97	3.13	69,828	80,403	86,745

¹ Preliminary. ² Beginning 1978 included in "Hay all other."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 412.—Hay, all other: Area, yield, and production, by States, 1976–78

State	Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala	650	630	650	1.70	1.60	1.70	1,105	1,008	1,105
Ariz	38	40	38	2.50	2.40	2.20	95	96	84
Ark	680	710	725	1.60	1.70	1.65	1,088	1,207	1,196
Calif	530	530	520	1.80	2.00	1.95	954	1,060	1,014
Colo	660	640	640	1.35	1.30	1.40	891	832	896
Conn	66	63	66	1.60	1.80	2.10	106	113	139
Del	15	16	15	1.90	1.60	1.70	29	26	26
Fla	219	226	235	1.95	2.00	2.00	427	452	470
Ga	450	470	475	2.30	1.60	2.00	1,035	752	950
Idaho	290	296	299	2.00	2.05	2.20	580	607	658

See footnotes at end of table.

Table 412.—Hay, all other: Area, yield, and production, by States, 1976–78—Continued

State	Area harvested			Yield per harvested acre			Production		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
Ill.	460	460	460	1.90	1.95	1.95	874	897	897
Ind.	500	475	455	1.90	2.10	2.10	950	998	956
Iowa	640	590	580	2.20	2.20	2.45	1,408	1,298	1,421
Kans.	1,275	1,280	1,240	1.40	1.65	1.40	1,785	2,112	1,736
Ky.	1,330	1,360	1,410	1.80	1.80	1.80	2,394	2,448	2,538
La.	362	362	347	1.90	1.90	2.00	688	688	694
Maine	192	192	200	2.00	1.50	2.05	384	288	410
Md.	180	175	180	2.10	1.90	2.20	378	333	396
Mass.	94	92	90	2.00	1.90	2.15	188	175	194
Mich.	310	300	290	1.65	1.35	1.90	512	405	551
Minn.	1,060	940	920	1.10	1.40	1.80	1,166	1,316	1,656
Miss ²	650	650	645	1.70	1.75	1.85	1,105	1,138	1,193
Mo.	2,850	2,880	2,900	1.35	1.45	1.55	3,848	4,176	4,495
Mont.	1,040	1,070	1,170	1.35	1.30	1.40	1,404	1,391	1,638
Nebr.	2,150	2,200	2,150	.85	.95	1.05	1,828	2,090	2,258
Nev.	280	240	260	1.20	1.15	1.25	336	276	325
N.H.	74	70	72	1.80	1.90	1.85	133	133	133
N.J.	68	65	64	1.60	1.90	2.00	109	124	128
N. Mex.	67	70	70	1.20	1.20	1.20	80	84	84
N.Y.	1,410	1,360	1,450	1.90	1.70	1.85	2,679	2,312	2,683
N.C.	335	334	343	1.40	1.45	1.65	469	484	566
N. Dak.	1,600	1,540	1,530	.99	.85	1.50	1,584	1,309	2,295
Ohio	990	950	930	1.95	1.85	2.20	1,931	1,758	2,046
Okl.	1,260	1,375	1,230	1.45	1.60	1.50	1,827	2,200	1,845
Oreg.	640	615	630	1.60	1.60	1.70	1,024	984	1,071
Pa.	1,060	1,090	1,095	1.80	1.60	1.80	1,908	1,744	1,971
R.I.	6	5	5	1.67	1.50	1.80	10	8	9
S.C.	215	220	222	2.00	1.80	2.00	430	396	444
S. Dak.	2,000	2,060	2,100	.50	1.10	1.25	1,000	2,266	2,625
Tenn.	1,115	1,125	1,145	1.45	1.40	1.45	1,617	1,575	1,660
Tex.	1,950	2,070	2,150	2.20	1.85	1.65	4,290	3,830	3,548
Utah	120	119	124	1.75	1.80	1.75	210	214	217
Vt.	360	345	350	1.80	1.55	1.85	648	535	648
Va.	865	850	870	1.25	1.10	1.60	1,081	935	1,392
Wash.	369	373	373	1.75	1.80	1.80	646	671	671
W. Va.	515	500	505	1.30	1.30	1.50	670	650	758
Wis.	970	940	900	1.55	2.05	2.25	1,504	1,927	2,025
Wyo.	700	620	670	1.10	.95	1.20	770	589	804
U.S.	33,660	33,583	33,788	1.49	1.52	1.64	50,178	50,910	55,519

¹ Preliminary. ² Beginning 1978 includes alfalfa and alfalfa mixtures.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 413.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1964–78

Year beginning May	Farm carryover May 1	Production	Total supply	Disappearance	Roughage-consuming animal units	Supply per animal unit	Disappearance per animal unit	Price received per ton
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million units</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
1964	19.8	118.8	138.6	122.0	89.8	1.54	1.36	.....
1965	16.6	125.6	142.2	119.5	88.9	1.60	1.34	.....
1966	22.7	120.9	143.6	121.7	88.2	1.63	1.38	.....
1967	21.9	125.1	147.0	122.1	88.1	1.67	1.39	.....
1968	24.9	124.2	149.1	125.4	87.5	1.70	1.43	.....
1969	23.7	126.0	149.7	125.6	88.0	1.70	1.43	.....
1970	24.1	127.0	151.1	128.9	89.9	1.68	1.43	.....
1971	22.2	129.1	151.3	125.8	91.1	1.66	1.38	.....
1972	25.5	128.6	154.1	129.8	93.2	1.65	1.39	31.30
1973	24.3	134.2	158.5	133.0	99.5	1.59	1.34	41.60
1974	25.4	126.4	151.8	133.3	103.8	1.46	1.29	50.90
1975	18.5	132.2	150.7	125.2	99.0	1.52	1.26	52.20
1976	25.5	120.0	145.5	126.0	95.8	1.52	1.32	60.30
1977	19.5	131.1	150.6	126.6	91.1	1.66	1.79	54.00
1978 ¹	24.1	142.3	166.5	136.6	87.5	1.90	1.56	50.00

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 414.—Hay, all: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per ton, baled	Value of—	
					Production	Sales
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	1,105	961	144	54.50	60,223	7,848
Ariz	1,382	207	1,175	60.00	82,920	70,500
Ark	1,375	1,299	76	40.00	55,000	3,040
Calif	6,955	1,947	5,008	59.50	413,823	297,976
Colo	3,013	1,687	1,326	49.50	149,144	65,637
Conn	194	167	27	73.00	14,162	1,971
Del	48	36	12	70.00	3,360	840
Fla	470	352	118	57.00	26,790	6,726
Ga	950	826	124	56.50	53,675	7,006
Idaho	4,708	3,201	1,507	35.50	167,134	53,499
Ill	3,671	3,249	422	53.00	194,563	22,366
Ind	2,300	2,047	253	58.50	134,550	14,801
Iowa	8,301	7,512	789	42.50	352,793	33,533
Kans	4,676	3,507	1,169	45.00	210,420	52,605
Ky	3,162	2,956	206	49.00	154,938	10,094
La	724	637	87	43.00	31,132	3,741
Maine	465	409	56	57.00	26,505	3,192
Md	631	549	82	70.00	44,170	5,740
Mass	262	229	33	73.00	19,126	2,409
Mich	3,683	3,002	681	45.50	167,577	30,986
Minn	8,932	7,860	1,072	41.00	366,212	43,952
Miss	1,193	1,050	143	50.00	59,650	7,150
Mo	5,980	5,232	748	45.50	272,090	34,034
Mont	4,576	4,096	480	43.00	196,768	20,640
Nebr	7,538	6,257	1,281	34.50	260,061	44,195
Nev	963	674	289	52.50	50,558	15,173
N.H	181	159	22	69.00	12,489	1,518
N.J	310	180	130	75.00	23,250	9,750
N. Mex	1,054	401	653	64.00	67,456	41,792
N.Y	5,297	4,820	477	57.00	301,929	27,189
N.C	612	539	73	64.00	39,168	4,672
N.Dak	6,453	5,801	652	36.00	232,308	23,472
Ohio	3,934	3,029	905	52.50	206,535	47,513
Okla	3,222	2,481	741	56.00	180,432	41,496
Oreg	2,607	1,929	678	49.00	127,743	33,222
Pa	4,323	3,545	778	62.00	268,026	48,236
R.I	17	15	2	73.00	1,241	146
S.C	444	378	66	56.00	24,864	3,696
S. Dak	8,625	7,711	914	28.50	245,813	26,049
Tenn	1,912	1,769	143	50.00	95,600	7,150
Tex	4,368	3,407	961	54.00	235,872	51,894
Utah	1,886	1,301	585	47.00	88,642	27,495
Vt	885	836	49	65.00	57,525	3,185
Va	1,640	1,517	123	65.00	106,600	7,995
Wash	2,582	1,523	1,059	47.00	121,354	49,773
W. Va	970	892	78	47.00	45,590	3,666
Wis	11,635	10,634	1,001	37.00	430,495	37,037
Wyo	2,050	1,742	308	48.50	99,425	14,938
U.S	142,264	114,558	27,706	50.00	6,579,701	1,371,538

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 415.—Hay: Area and production, by kinds, United States, 1964–78

Year	Alfalfa	Clover and timothy	Lespedeza	Soybean	Cowpea	Peanutvine	Grains cut green for hay	Wild hay	Other hay	All other hay	All hay
Area harvested											
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1964	29,384	13,440	2,471	463	52	452	2,942	10,584	7,587	...	67,375
1965	29,705	13,023	2,338	(1)	(1)	450	2,738	10,057	9,185	...	67,496
1966	28,950	12,883	1,730	...	...	407	2,793	9,035	8,558	...	64,356
1967	27,997	12,759	1,590	...	...	330	2,289	9,422	8,916	...	63,303
1968	26,964	12,685	1,375	...	...	311	2,480	8,564	8,543	...	60,922
1969	26,634	12,538	1,178	...	...	337	2,693	8,314	8,022	33,082	59,716
1970	27,276	12,913	1,098	...	...	312	2,762	8,549	8,656	34,191	61,457
1971	27,599	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	33,756	61,355
1972	27,187	...	...	...	...	...	...	...	...	32,493	59,680
1973	27,826	...	...	...	...	...	...	...	...	34,002	61,828
1974	26,877	...	...	...	...	...	...	...	...	33,318	60,195
1975	27,271	...	...	...	...	...	...	...	...	34,053	61,324
1976	26,651	...	...	...	...	...	...	...	...	33,660	60,311
1977	27,075	...	...	...	...	...	...	...	...	33,583	60,658
1978 ³	27,707	...	...	...	...	...	...	...	...	33,788	61,495
Production											
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1964	71,304	19,821	3,049	653	50	309	3,872	9,387	10,333	...	118,778
1965	74,854	20,086	3,051	(1)	(1)	316	3,883	9,600	13,820	...	125,610
1966	73,073	20,895	2,192	...	...	285	3,603	7,867	13,015	...	120,930
1967	74,260	22,132	2,400	...	...	236	3,305	9,034	13,767	...	125,134
1968	73,632	22,837	1,937	...	...	226	3,529	7,928	14,155	...	124,244
1969	75,883	22,933	1,706	...	...	236	3,943	8,238	13,087	50,143	126,026
1970	75,573	23,403	1,615	...	...	237	3,920	8,161	14,188	51,396	126,969
1971	77,285	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	51,847	129,132
1972	78,226	...	...	...	...	...	...	...	...	50,339	128,565
1973	78,805	...	...	...	...	...	...	...	...	55,412	134,217
1974	74,368	...	...	...	...	...	...	...	...	52,016	126,384
1975	77,979	...	...	...	...	...	...	...	...	54,231	132,210
1976	69,828	...	...	...	...	...	...	...	...	50,178	120,006
1977	80,403	...	...	...	...	...	...	...	...	50,910	131,313
1978 ³	86,745	...	...	...	...	...	...	...	...	55,519	142,264

¹Included in "Other hay" from 1965 through 1970.²Not estimated separately; included in "All other hay."³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 416.—Pasture and range: Condition,¹ first of month, United States, 1964–78

Year	April ^{2,3}	May	June	July	August	September	October	November	December ²
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1964	72	81	79	77	70	68	73	68	...
1965	73	79	81	84	79	78	83	82	...
1966	79	81	82	78	68	77	78	76	...
1967	74	79	77	84	85	79	79	79	...
1968	77	83	85	86	82	81	82	81	...
1969	77	86	89	85	83	77	78	78	...
1970	79	84	85	86	76	73	80	81	...
1971	70	75	80	80	77	77	80	83	...
1972	{ 78 580 }	78	84	82	81	81	80	81	580
1973	{ 86 586 }	87	87	87	83	78	82	83	581
1974	{ 79 579 }	81	84	82	66	71	75	70	571
1975	{ 77 575 }	76	86	88	80	76	80	77	574
1976	{ 73 574 }	79	77	75	70	61	63	66	564
1977	{ 68 566 }	76	74	68	64	71	76	75	572
1978	{ 68 571 }	75	85	85	77	75	77	73	570

See footnotes on page 279.

Table 417.—Pasture and range: Condition,¹ June 1 and Sept. 1, by States, average 1967-76, annual 1977 and 1978

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Average 1967-76	1977	1978	Average 1967-76	1977	1978		Average 1967-76	1977	1978	Average 1967-76	1977	1978
	Percent	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent	Percent
Ala	83	63	87	82	63	81	Nev	82	60	87	80	69	86
Ariz	74	60	100	75	73	67	N.H.	89	85	90	80	78	84
Ark	87	72	91	74	72	54	N.J.	88	79	89	77	87	86
Calif	76	41	100	74	39	92	N.Mex	68	77	70	76	81	70
Colo	76	69	79	75	72	61	N.Y.	88	89	85	83	78	74
Conn	88	88	86	77	78	88	N.C.	89	74	91	83	61	87
Del	90	67	91	78	55	88	N.Dak	80	44	90	68	49	87
Fla	71	50	75	85	75	88	Ohio	89	77	87	83	88	84
Ga	83	53	83	82	55	78	Okla	84	91	86	73	80	53
Idaho	85	60	97	83	69	85	Oreg	84	64	99	79	59	97
Ill	91	80	90	80	87	73	Pa	90	79	89	81	85	82
Ind	90	83	90	83	90	84	R.I.	91	90	85	79	80	94
Iowa	88	80	90	77	76	82	S.C.	84	62	85	80	52	80
Kans	85	90	90	72	90	59	S.Dak	79	68	91	62	71	89
Ky	92	81	88	88	92	89	Tenn	90	80	89	80	76	81
La	82	69	78	80	80	70	Tex	77	84	55	70	58	44
Maine	87	91	89	81	79	56	Utah	80	52	92	79	61	68
Md	88	65	86	80	74	85	Vt	88	75	89	80	64	77
Mass	89	93	90	78	78	86	Va	90	67	93	86	54	94
Mich	88	61	92	76	74	75	Wash	86	61	94	76	55	92
Minn	83	77	89	67	71	87	W. Va	85	61	86	87	74	92
Miss	86	73	86	81	71	75	Wis	87	75	92	70	79	90
Mo	88	81	90	66	78	75	Wyo	84	82	96	82	75	92
Mont	83	68	95	81	60	97							
Nebr	83	89	89	68	89	80	U.S.	83	74	85	75	71	75

¹ Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 418.—Field seeds: Production of clean seed, United States, 1964-78

Year	White clover	Ladino clover	Red-top	Orchard-grass ¹	Kentucky blue-grass ²	Sudan-grass	Smooth brome-grass	Crested wheat-grass	Chewings fescue	Red fescue	Tall fescue	Bent-grass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1964	5,602	5,120	3,240	14,940	19,238	40,305	13,194	1,536	7,920	5,310	61,924	9,673
1965	4,026	4,930	(³)	13,490	22,833	(³)	(³)	(³)	6,290	6,014	56,564	7,746
1966	3,640	4,205	...	10,010	30,247	...	...	...	7,175	6,918	79,596	8,463
1967	2,164	3,600	...	6,880	34,651	...	...	...	7,350	8,893	49,730	7,968
1968	840	3,688	...	6,510	33,924	...	...	...	5,760	6,578	55,832	6,516
1969	2,098	4,950	...	8,060	33,709	...	...	...	7,425	6,348	64,833	5,733
1970	2,410	4,760	...	8,673	36,519	...	...	...	7,260	6,150	83,065	7,473
1971	4,800	4,950	...	8,273	48,643	...	...	...	8,670	7,800	91,462	10,193
1972	(³)	3,875	...	19,270	46,622	...	...	...	6,765	6,380	88,995	9,632
1973 . . . . .	...	3,120	...	20,379	35,859	...	...	...	7,700	7,250	131,970	9,585
1974 . . . . .	...	3,285	...	15,942	55,603	...	...	...	6,825	7,750	103,860	9,230
1975 . . . . .	...	4,290	...	14,205	36,578	...	...	...	5,750	6,720	123,120	7,790
1976 . . . . .	...	3,422	...	12,060	34,834	...	...	...	5,415	6,630	85,310	6,650
1977 . . . . .	...	3,300	...	10,348	19,766	...	...	...	5,500	6,000	107,670	6,800
1978 . . . . .	...	3,562	...	10,090	44,946	...	...	...	4,950	5,280	165,335	4,140

¹ Does not include Oregon prior to 1972.

² Other than Merion, prior to 1976.

³ Estimates discontinued.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 419.—Field seeds, by kinds: Area, yield, production, value, and supply and appearance, United States, 1964-78

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Alfalfa seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964..	695,500	201	140,142	31.30	43,608	12,502	30,552	43,054	413	183,609	136,489	9,262
1965..	607,000	198	119,977	33.00	39,383	11,666	35,454	47,120	63	167,160	131,869	15,686
1966..	572,800	204	117,054	35.60	41,445	7,599	27,692	35,291	114	152,459	118,247	17,701
1967..	463,200	243	112,637	41.10	46,200	5,220	28,992	34,212	1,077	147,926	112,301	10,964
1968..	537,000	215	115,225	37.90	43,603	5,548	30,077	35,625	680	151,530	114,100	12,244
1969..	485,200	211	102,518	37.40	38,279	4,852	32,578	37,430	165	140,113	113,820	16,610
1970..	624,600	221	137,977	35.50	48,732	4,134	22,159	26,293	54	164,324	122,463	20,969
1971..	495,900	239	118,747	35.00	41,345	9,464	32,397	41,861	72	160,680	125,391	17,830
1972..	374,100	282	105,465	43.60	45,818	6,084	29,205	35,289	270	141,024	115,515	17,655
1973..	412,500	248	102,408	86.40	88,372	3,895	21,614	25,509	191	128,108	100,103	17,239
1974..	456,000	244	111,300	83.70	92,534	2,155	25,850	28,005	229	139,534	86,383	13,403
1975..	342,000	267	91,405	68.60	62,284	14,995	38,156	53,151	111	144,667	109,219	16,660
1976..	350,000	231	80,748	102.00	81,850	7,852	27,596	35,448	160	116,356	90,328	11,032
1977..	408,500	238	97,105	108.00	103,318	3,908	22,120	26,028	777	123,910	95,642	16,804
1978..	529,000	175	92,495	117.00	107,009	4,308	23,960	28,268	.....	.....	.....	.....
Red clover seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964..	837,200	96	80,755	24.20	19,197	10,676	12,237	22,913	1,285	104,953	71,651	.....
1965..	645,800	100	64,765	23.20	14,761	17,166	16,136	33,302	1,084	99,151	68,167	4,334
1966..	672,100	94	63,183	22.90	14,333	14,204	16,780	30,984	3,082	97,249	64,835	2,232
1967..	477,000	92	43,787	27.00	11,389	15,628	16,786	32,414	6,353	82,554	62,277	2,112
1968..	457,500	83	37,920	30.70	11,473	8,325	11,952	20,277	9,891	68,088	53,111	699
1969..	403,000	101	40,592	35.60	14,317	6,846	8,131	14,977	7,391	62,960	47,162	1,383
1970..	445,300	103	46,084	31.70	14,359	5,310	10,488	15,798	5,104	66,986	48,258	1,542
1971..	377,600	107	40,478	27.50	11,014	6,403	12,325	18,728	5,605	64,811	45,791	1,250
1972..	261,800	96	25,118	40.70	9,995	8,135	10,885	19,020	6,128	50,266	36,982	1,160
1973..	332,000	92	30,455	61.90	18,393	5,263	8,021	13,284	3,684	47,423	36,791	1,665
1974..	318,900	98	31,257	58.40	17,829	4,630	6,002	10,632	5,451	47,340	37,268	575
1975..	339,300	107	36,414	49.50	17,886	5,324	4,748	10,072	5,041	51,527	38,976	813
1976..	347,600	102	35,291	63.20	21,714	6,244	6,307	12,551	3,373	51,215	36,812	3,155
1977..	244,100	102	24,877	73.50	17,642	6,203	8,200	14,403	3,514	42,794	31,337	2,037
1978..	294,700	110	32,456	67.10	21,271	4,837	6,620	11,457	.....	.....	.....	.....
Ladino clover seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964..	16,000	320	5,120	52.50	2,688	6	2,207	2,213	.....	7,333	4,793	2,570
1965..	14,500	340	4,930	45.50	2,243	.....	2,540	2,540	.....	7,470	5,547	3,259
1966..	14,500	290	4,205	50.00	2,103	.....	1,923	1,923	.....	6,128	4,273	3,373
1967..	12,000	300	3,600	62.50	2,250	.....	1,855	1,855	1	5,456	3,646	2,108
1968..	12,500	295	3,688	71.00	2,618	.....	1,810	1,810	2	5,500	4,485	2,706
1969..	16,500	300	4,950	70.00	3,465	.....	1,015	1,015	1	5,966	4,551	2,346
1970..	17,000	280	4,760	68.50	3,261	0	1,415	1,415	2	6,177	4,848	3,254
1971..	18,000	275	4,950	64.00	3,168	48	1,281	1,329	10	6,289	4,414	2,491
1972..	15,500	250	3,875	62.50	2,422	0	1,875	1,875	5	5,755	4,312	3,329
1973..	12,000	260	3,120	100.00	3,120	0	1,443	1,443	10	4,573	3,319	3,485
1974..	9,000	365	3,285	160.00	5,256	0	1,254	1,254	12	4,551	2,905	1,086
1975..	11,000	390	4,290	107.00	4,590	0	1,646	1,646	3	5,939	4,183	1,579
1976..	11,600	295	3,422	130.00	4,449	40	1,716	1,756	180	5,358	3,478	2,703
1977..	12,000	275	3,300	120.00	3,960	0	1,880	1,880	10	5,190	3,460	2,110
1978..	13,700	260	3,562	115.00	4,096	0	1,730	1,730	.....	.....	.....	.....

See footnotes at end of table.

Table 419.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1964–78—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports	
						Farm	Dealer	Total					
Crimson clover seed													
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	
	1964..	43,700	291	12,699	14.10	1,822	205	2,414	2,619	.....	15,318	11,718	.....
	1965..	34,800	239	8,310	18.70	1,566	531	3,069	3,600	.....	11,910	9,958	.....
	1966..	34,900	235	8,214	20.60	1,713	460	1,492	1,925	.....	10,166	9,754	.....
	1967..	28,400	279	7,912	21.90	1,738	113	299	412	.....	8,324	7,224	.....
	1968..	26,400	266	7,031	22.80	1,612	75	1,025	1,100	2	8,133	6,269	.....
	1969..	24,500	303	7,431	22.50	1,679	77	1,787	1,864	1	9,296	6,351	.....
	1970..	26,700	337	8,992	13.10	1,192	411	2,534	2,945	0	11,937	6,495	.....
	1971..	16,700	224	3,742	15.40	577	1,885	3,557	5,442	1	9,185	6,462	.....
	1972..	11,300	241	2,718	20.80	564	449	2,274	2,723	11	5,452	4,756	.....
	1973..	8,600	320	2,754	35.90	989	71	625	696	2	3,452	3,000	.....
	1974..	7,100	253	1,796	57.80	1,038	23	429	452	1	2,249	2,047	.....
	1975..	6,700	335	2,247	59.80	1,344	57	145	202	200	2,649	2,002	.....
	1976..	11,500	320	3,680	35.50	1,306	10	637	647	2	4,329	3,142	.....
1977..	11,500	330	3,795	32.00	1,214	37	1,150	1,187	3	4,985	3,627	.....
1978..	10,500	300	3,150	49.00	1,544	38	1,320	1,358	.....	.....	.....	.....
Lespedeza seed													
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	
	1964..	283,500	196	55,600	14.80	8,236	1,754	3,162	4,916	.....	60,516	56,135	.....
	1965..	301,500	226	68,232	11.70	8,062	2,196	2,185	4,381	.....	72,613	64,315	.....
	1966..	239,500	218	52,230	14.40	7,520	2,460	5,838	8,298	.....	60,528	52,486	.....
	1967..	196,200	196	38,512	15.20	5,867	2,608	5,434	8,042	.....	46,554	43,297	.....
	1968..	172,000	224	38,500	16.40	6,337	1,670	1,587	3,257	.....	41,757	37,878	.....
	1969..	183,900	257	47,017	15.30	7,149	1,060	2,819	3,879	.....	50,896	38,351	.....
	1970..	165,500	229	37,830	13.90	5,219	2,538	10,007	12,545	.....	50,375	39,726	.....
	1971..	130,700	194	25,323	15.40	3,775	1,995	8,654	10,649	.....	35,972	30,550	.....
	1972..	78,000	192	14,985	22.30	3,345	1,040	4,382	5,422	.....	20,407	17,760	.....
	1973..	74,300	208	15,436	37.20	5,715	756	1,871	2,647	.....	18,083	14,454	.....
	1974..	58,500	189	11,038	36.10	4,023	489	3,140	3,629	.....	14,667	12,196	.....
	1975..	68,600	219	15,012	31.40	4,739	696	1,775	2,471	.....	17,483	15,505	.....
	1976..	57,400	190	10,912	44.00	4,792	479	1,499	1,978	.....	12,890	10,560	.....
1977..	56,600	206	11,670	69.80	8,030	490	1,840	2,330	.....	14,000	11,138	.....
1978..	49,700	212	10,531	45.00	4,766	552	2,310	2,862	.....	.....	.....	.....
Timothy seed													
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	
	1964..	202,500	145	29,313	15.50	4,549	1,129	3,095	4,224	409	33,946	27,306	4,816
	1965..	194,500	169	32,792	14.50	4,770	1,100	5,540	6,640	328	39,760	29,442	6,349
	1966..	215,300	159	34,160	9.00	3,102	1,326	8,992	10,318	2,888	47,366	28,720	1,489
	1967..	174,600	157	27,484	5.83	1,595	4,263	14,383	18,646	252	46,382	26,824	3,278
	1968..	125,300	152	19,078	8.65	1,653	4,774	14,784	19,558	423	39,059	26,507	1,563
	1969..	155,000	177	27,503	8.41	2,321	2,273	10,279	12,552	70	40,125	25,830	5,611
	1970..	142,000	178	25,283	7.10	1,794	2,601	11,694	14,295	259	39,837	26,813	6,692
	1971..	136,700	207	28,250	8.05	2,267	2,922	10,102	13,024	55	41,329	32,741	6,645
	1972..	110,500	190	20,953	15.60	3,259	1,718	6,870	8,588	619	30,160	26,707	8,254
	1973..	147,500	161	23,728	31.80	7,439	860	2,593	3,453	998	28,179	20,094	4,055
	1974..	134,600	171	23,038	21.30	4,826	1,347	6,738	8,085	709	31,832	19,625	3,289
	1975..	78,400	185	14,488	14.80	2,080	2,639	9,568	12,207	552	27,247	17,378	5,222
	1976..	73,000	173	12,633	27.50	3,429	4,313	5,556	9,869	790	23,292	18,037	8,153
1977..	65,100	187	12,149	50.60	6,132	1,335	3,920	5,255	1,440	18,844	16,957	4,178	
1978..	80,500	211	16,965	43.10	7,256	627	1,260	1,887	.....	.....	.....	.....

See footnotes at end of table.

Table 419.—Field seeds, by kinds: Area, yield, production, value and supply and disappearance, United States, 1964-78—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Orchardgrass seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964..	68,000	220	14,940	16.10	2,411	264	2,582	2,846	5,406	23,192	18,143	.....
1965..	55,000	245	13,490	15.50	2,094	500	4,549	5,049	3,788	22,327	17,020	.....
1966..	43,000	233	10,010	15.00	1,501	363	4,944	5,307	5,821	21,138	14,697	.....
1967..	31,000	222	6,880	15.30	1,051	397	6,044	6,441	6,859	20,180	15,016	.....
1968..	32,000	203	6,510	19.50	1,275	240	4,924	5,164	8,196	19,870	14,204	.....
1969..	34,500	234	8,060	19.60	1,588	216	5,450	5,666	4,918	18,644	12,798	.....
1970..	36,500	238	8,673	20.20	1,751	259	5,587	5,846	1,670	16,189	9,943	.....
1971..	32,500	255	8,273	19.20	1,587	282	5,964	6,246	1,724	16,243	9,136	.....
1972..	46,000	419	19,270	23.30	4,481	268	6,839	7,107	1,453	27,830	19,928	.....
1973..	44,800	455	20,379	33.90	6,900	748	7,154	7,902	101	28,382	18,831	.....
1974..	37,400	426	15,942	32.10	5,119	947	8,604	9,551	83	25,576	15,641	.....
1975..	28,000	507	14,205	26.10	3,710	1,922	8,013	9,935	145	24,285	15,001	.....
1976..	25,500	473	12,060	30.10	3,635	654	8,630	9,284	1,227	22,571	14,376	.....
1977..	22,300	464	10,348	33.00	3,417	1,025	7,170	8,195	482	19,025	14,237	.....
1978..	22,200	455	10,090	39.30	3,962	238	4,550	4,788	.....	.....	.....	.....
Chewings fescue seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964..	16,500	480	7,920	33.00	2,614	314	2,594	2,908	0	10,828	8,987	.....
1965..	17,000	370	6,290	42.50	2,673	40	1,801	1,841	0	8,131	5,627	.....
1966..	17,500	410	7,175	25.50	1,830	126	2,378	2,504	29	9,708	6,679	.....
1967..	17,500	420	7,350	19.50	1,433	789	2,240	3,029	6	10,385	7,159	.....
1968..	16,000	360	5,760	22.00	1,267	514	2,712	3,226	4	8,990	7,413	.....
1969..	16,500	450	7,425	24.00	1,782	403	1,174	1,577	28	9,030	6,754	.....
1970..	16,500	440	7,260	33.00	2,396	371	1,905	2,276	76	9,612	6,564	.....
1971..	17,000	510	8,670	28.00	2,428	218	2,830	3,048	10	11,728	8,815	.....
1972..	16,500	410	6,765	33.00	2,232	434	2,479	2,913	60	9,738	7,511	.....
1973..	14,000	550	7,700	52.00	4,004	68	2,159	2,227	6	9,933	6,875	.....
1974..	13,000	525	6,825	31.00	2,116	693	2,365	3,058	43	9,926	5,928	.....
1975..	11,500	500	5,750	26.00	1,495	1,820	2,178	3,998	9	9,757	7,278	.....
1976..	9,500	570	5,415	43.00	2,328	460	2,019	2,479	13	7,907	6,129	.....
1977..	10,000	550	5,500	52.00	2,860	108	1,670	1,778	25	7,303	5,833	.....
1978..	11,000	450	4,950	59.00	2,921	330	1,140	1,470	.....	.....	.....	.....
Red fescue seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964..	10,150	523	5,310	36.50	1,938	19	3,644	3,663	7,432	16,405	13,704	.....
1965..	13,530	444	6,014	41.90	2,518	52	2,649	2,701	14,436	23,151	16,220	.....
1966..	15,250	454	6,918	25.30	1,752	114	6,817	6,931	9,701	23,550	17,034	.....
1967..	16,700	533	8,893	18.90	1,683	607	5,909	6,516	10,423	25,832	18,599	.....
1968..	15,500	424	6,578	20.90	1,377	474	6,759	7,233	16,387	30,198	21,834	.....
1969..	14,200	447	6,348	25.00	1,585	646	7,718	8,364	14,476	29,188	21,983	.....
1970..	15,000	410	6,150	31.50	1,937	189	7,016	7,205	16,683	30,038	23,509	.....
1971..	15,000	520	7,800	29.00	2,262	123	6,406	6,529	11,928	26,257	20,995	.....
1972..	14,500	440	6,380	34.00	2,169	0	5,262	5,262	10,999	22,641	19,167	.....
1973..	14,500	500	7,250	61.00	4,423	64	3,410	3,474	15,318	26,042	19,331	.....
1974..	15,500	500	7,750	30.00	2,325	362	6,349	6,711	10,549	25,010	17,072	.....
1975..	14,000	480	6,720	25.00	1,680	1,938	6,000	7,938	13,369	28,027	22,031	.....
1976..	13,000	510	6,630	42.00	2,785	605	5,391	5,996	22,369	34,995	24,733	.....
1977..	12,000	500	6,000	52.00	3,120	862	9,400	10,262	19,375	35,637	27,887	.....
1978..	11,000	480	5,280	57.00	3,010	600	7,150	7,750	.....	.....	.....	.....

See footnotes at end of table.

Table 419.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1964–78—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Tall (Alta & Ky. 31) fescue seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1964 ..	290,400	213	61,924	9.72	6,054	1,750	7,702	9,452	7	71,383	56,876	.....
1965 ..	243,100	233	56,564	9.38	5,315	4,208	10,299	14,507	0	71,071	57,565	.....
1966 ..	308,700	258	79,593	8.32	6,640	2,849	10,657	13,506	1	93,100	67,016	.....
1967 ..	203,600	244	49,739	8.58	4,278	7,652	18,432	26,084	0	75,823	64,154	.....
1968 ..	227,900	245	55,832	10.50	5,845	2,197	9,472	11,669	1	67,502	60,967	.....
1969 ..	255,800	253	64,833	14.30	9,263	1,505	5,030	6,535	2	71,370	55,642	.....
1970 ..	321,100	259	83,065	9.00	7,481	2,163	13,565	15,728	21	98,814	79,608	.....
1971 ..	297,700	307	91,462	9.10	8,341	6,386	12,820	19,206	0	110,668	98,485	.....
1972 ..	315,000	283	88,995	12.30	11,002	2,857	9,326	12,183	49	101,227	90,400	.....
1973 ..	452,000	292	131,970	17.10	22,574	1,397	9,430	10,827	176	142,973	112,908	.....
1974 ..	409,000	254	103,860	14.10	14,724	6,397	23,668	30,065	10	133,935	106,579	.....
1975 ..	451,500	273	123,120	13.60	16,796	9,151	18,205	27,356	4	150,480	118,341	.....
1976 ..	370,500	230	85,310	20.00	17,069	7,119	25,020	32,139	6	117,455	105,990	.....
1977 ..	459,500	234	107,670	23.00	24,761	1,615	9,850	11,465	4	119,139	106,242	2,092
1978 ..	566,000	292	165,335	12.20	20,179	2,007	10,890	12,897	.....	.....	.....	.....
Bentgrass seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1964 ..	31,700	305	9,673	33.80	3,273	235	2,201	2,436	16	12,125	9,199	7,187
1965 ..	32,600	238	7,746	41.90	3,246	209	2,717	2,926	8	10,680	7,260	6,049
1966 ..	31,600	268	8,463	25.90	2,187	784	2,636	3,420	9	11,892	9,085	8,089
1967 ..	30,250	264	9,978	35.10	2,800	857	1,950	2,807	5	10,790	8,000	6,826
1968 ..	26,150	249	6,516	36.60	2,382	835	1,955	2,790	110	9,416	7,219	6,278
1969 ..	26,120	219	5,733	50.20	2,876	455	1,742	2,197	197	8,127	6,690	6,950
1970 ..	26,230	285	7,473	47.60	3,555	114	1,323	1,437	20	8,930	7,211	7,501
1971 ..	27,260	374	10,193	49.40	5,031	223	1,496	1,719	63	11,975	9,599	9,144
1972 ..	28,330	340	9,632	42.40	4,082	113	2,263	2,376	11	12,019	9,248	9,676
1973 ..	27,000	355	9,585	54.00	5,176	327	2,444	2,771	92	12,448	9,103	8,710
1974 ..	26,000	355	9,230	40.00	3,692	742	2,603	3,345	41	12,616	8,491	8,175
1975 ..	20,500	380	7,790	44.00	3,428	2,125	2,000	4,125	60	11,975	8,697	8,425
1976 ..	19,000	350	6,650	79.00	5,254	1,558	1,720	3,278	53	9,981	7,566	7,366
1977 ..	17,000	400	6,800	88.00	5,984	865	1,550	2,415	20	9,235	8,217	6,431
1978 ..	18,000	230	4,140	125.00	5,175	68	950	1,018	.....	.....	.....	.....
Hairy vetch seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1964 ..	120,500	226	27,212	11.70	3,176	1,100	3,067	4,167	0	31,379	29,033	.....
1965 ..	91,000	131	11,960	14.30	1,687	823	1,523	2,346	0	14,306	12,659	.....
1966 ..	90,000	216	19,480	11.80	2,301	404	1,243	1,647	8	21,135	14,153	.....
1967 ..	73,500	189	13,862	8.44	1,170	959	6,023	6,982	0	20,844	15,122	.....
1968 ..	55,500	163	9,020	11.20	991	708	5,014	5,722	1,164	15,906	12,920	.....
1969 ..	55,200	178	9,799	14.70	1,400	650	2,336	2,986	1,153	13,938	11,431	.....
1970 ..	51,600	204	10,508	12.50	1,335	580	1,927	2,507	5	13,020	9,213	.....
1971 ..	46,400	226	10,487	12.20	1,284	544	3,263	3,807	5	14,299	9,440	.....
1972 ..	46,400	159	7,390	11.30	837	1,335	3,524	4,859	2	12,251	9,024	.....
1973 ..	33,000	182	6,005	13.60	816	637	2,590	3,227	4	9,236	5,178	.....
1974 ..	24,500	176	4,310	19.05	821	430	3,628	4,058	111	8,479	7,694	.....
1975 ..	28,400	243	6,889	24.00	1,656	82	703	785	0	7,674	4,538	.....
1976 ..	27,000	254	6,855	25.10	1,723	448	2,688	3,136	3	9,994	8,786	.....
1977 ..	30,500	270	8,235	27.10	2,234	148	1,060	1,208	2	9,445	8,547	.....
1978 ..	8,000	450	3,600	32.00	1,152	48	850	898	.....	.....	.....	.....

See footnotes at end of table.

Table 419.—Field seeds, by kinds: Area, yield, production, value and supply and disappearance, United States, 1964-78—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
All ryegrass seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1964 ..	151,000	1,190	179,690	4.75	8,535	7,286	42,393	49,679	211	229,580	176,556	.....
1965 ..	142,000	1,130	160,460	5.90	9,467	12,219	40,805	53,024	745	214,229	162,799	11,746
1966 ..	142,000	1,070	151,940	5.90	8,964	17,101	34,329	51,430	294	203,664	160,003	13,192
1967 ..	128,000	1,070	136,960	6.50	8,902	9,568	34,093	43,661	280	180,901	153,528	16,922
1968 ..	143,000	1,165	166,595	7.90	13,161	5,478	21,895	27,373	650	194,618	163,286	10,996
1969 ..	163,000	1,160	189,080	8.10	15,315	2,493	28,839	31,332	1,659	222,071	180,194	14,602
1970 ..	185,000	1,180	218,300	6.50	14,190	13,442	28,435	41,877	867	261,044	200,234	23,314
1971 ..	174,000	1,520	264,480	5.60	14,811	28,002	32,808	60,810	1,077	326,367	242,546	15,638
1972 ..	173,000	1,220	211,060	7.30	15,407	29,129	54,692	83,821	958	295,839	254,277	20,948
1973 ..	180,000	1,160	208,800	16.00	33,408	555	41,007	41,562	1,399	251,761	194,231	27,456
1974 ..	190,000	1,150	218,500	17.00	37,145	22,968	34,562	57,530	1,644	277,674	228,518	15,846
1975 ..	180,000	1,260	226,800	11.50	26,082	16,991	32,165	49,156	159	276,115	208,644	16,923
1976 ..	166,000	1,180	195,940	15.50	30,357	18,900	48,571	67,471	1,016	264,427	223,254	18,687
1977 ..	180,000	1,504	270,800	13.40	36,188	6,503	34,670	41,173	1,301	313,274	239,338	23,828
1978 ..	194,000	1,242	240,980	13.90	33,500	30,286	43,650	73,936	.....	.....	.....	.....

¹ Oregon only

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 416

¹ Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.² Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.³ Also, excludes Idaho, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming for 1964-71.⁴ 30 States (April only).⁵ 37 States (April and December only).

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 420. — Field seeds, by kinds: Area, yield, production, and value, by States, 1976–78

State	Area harvested			Yield per acre			Production (clean seed)			Price for crop of—			Value of production		
	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978
Alfalfa seed															
Ariz.	2,500	Acres	1,000	Acres	160	Pounds	400	1,000 pounds	150	1,000 pounds	95.00	80.00	1,000 dollars	390	1,000 dollars
Calif.	48,000	37,000	64,000	585	660	295	28,080	31,020	18,800	102.00	122.00	122.00	10,486	27,918	22,936
Idaho	26,000	43,000	43,000	370	430	350	9,620	14,190	15,050	109.00	135.00	135.00	10,486	17,879	20,318
Kans.	48,000	60,000	60,000	110	95	115	3,990	6,900	6,900	60.00	80.00	81.50	3,168	3,192	5,624
Mont.	24,000	39,000	26,000	100	90	85	2,400	3,510	2,210	93.50	105.00	100.00	2,244	3,686	2,210
Nebr.	23,000	28,000	32,000	80	75	75	1,840	2,100	2,400	88.00	105.00	95.00	1,619	2,205	2,280
Nev.	11,500	15,500	17,000	365	520	365	4,083	8,060	6,205	110.00	125.00	135.00	4,491	10,075	8,377
N. Dak.	18,000	8,000	17,000	50	40	45	900	320	765	84.00	102.00	91.00	756	326	696
Okl.	19,000	32,000	55,000	200	140	145	3,800	4,480	7,975	75.00	81.00	81.00	2,850	3,629	6,380
Oreg.	11,000	13,000	14,000	415	470	345	4,565	6,110	4,830	121.00	129.00	135.00	5,524	7,882	6,521
S. Dak.	81,000	105,000	150,000	65	65	85	5,265	6,825	12,750	92.50	106.00	99.00	4,870	6,132	12,623
Utah	11,000	14,000	15,000	215	260	290	2,365	3,640	4,350	105.00	124.00	117.00	2,483	4,514	5,090
Wash.	27,000	31,000	36,000	450	410	285	12,150	12,710	10,260	118.00	124.00	136.00	14,337	15,760	13,954
U.S.	350,000	408,500	529,000	231	238	175	80,748	97,105	92,495	102.00	108.00	117.00	81,850	103,318	107,009
Red clover seed															
Idaho	2,600	Acres	2,100	Acres	330	Pounds	858	1,000 pounds	767	1,000 pounds	89.50	97.00	1,000 dollars	768	1,000 dollars
Ill.	55,000	45,000	40,000	90	80	85	4,950	3,600	3,400	59.00	65.00	63.00	2,921	2,340	1,112
Ind.	25,000	18,000	19,000	80	75	76	2,000	1,350	1,444	55.50	58.00	56.00	1,110	783	809
Iowa	13,000	7,000	7,000	90	75	80	1,170	525	560	61.50	66.00	64.00	720	347	358
Kans.	11,000	8,000	9,500	85	90	90	935	720	855	47.00	56.00	57.50	439	403	492
Ky.	6,300	5,500	3,300	105	80	75	662	440	248	67.00	73.00	69.00	444	321	171
Mich.	46,000	25,000	25,000	110	85	85	5,060	2,125	2,125	52.00	57.00	49.00	2,631	1,211	1,041
Minn.	29,000	12,000	38,000	105	100	110	3,045	1,200	4,180	62.50	69.50	58.00	1,903	834	2,424
Mo.	65,000	37,000	40,000	85	70	95	5,525	2,590	3,800	58.50	61.00	58.00	3,232	1,580	2,204
Nebr.	4,300	3,500	4,400	75	50	75	323	245	330	57.00	63.00	64.00	162	154	211
N.Y.	3,000	6,000	9,000	60	55	55	180	330	720	50.00	70.00	57.50	103	231	414
Ohio	45,000	30,000	33,000	80	75	85	3,600	2,250	2,805	51.00	53.50	53.50	1,836	1,204	1,501
Oreg.	15,000	27,500	27,500	260	250	200	3,900	5,000	5,500	80.00	84.00	77.90	3,120	4,200	4,235
Pa.	11,000	8,500	12,000	75	70	75	825	595	900	66.00	74.00	65.00	545	440	585
Wash.	3,400	8,500	11,900	320	280	275	1,088	2,380	3,273	98.00	99.00	89.50	1,066	2,356	2,929
Wis.	13,000	8,000	11,000	90	95	95	1,170	760	1,045	61.00	65.00	61.50	714	494	643
U.S.	347,600	244,100	294,700	102	102	110	35,291	24,877	32,456	63.20	73.50	67.10	21,714	17,642	21,271

Ladino clover seed									
Acres	Acres	Acres	Pounds	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 dollars
11,600	12,000	13,700	295	275	260	3,422	3,300	3,562	1,000 dollars 4,096
Calif. ²									
Crimson clover seed									
Acres	Acres	Acres	Pounds	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 dollars
11,500	11,500	10,500	320	330	300	3,680	3,795	3,150	1,000 dollars 1,544
Oreg									
Lespedeza seed									
Acres	Acres	Acres	Pounds	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 dollars
800	1,200	1,600	420	420	375	336	504	600	1,000 dollars 345
5,000	4,000	2,500	140	150	175	700	600	438	1,000 dollars 378
4,000	3,000	2,500	150	150	200	600	450	300	1,000 dollars 240
6,000	8,000	6,000	205	235	230	1,230	1,880	1,410	1,000 dollars 167
7,200	4,000	3,100	200	180	230	1,440	720	500	1,000 dollars 416
16,000	18,000	15,000	205	225	230	3,280	4,950	3,450	1,000 dollars 392
2,400	1,400	2,000	140	140	180	336	196	360	1,000 dollars 966
6,000	6,000	7,000	190	215	230	1,140	1,290	1,610	1,000 dollars 284
10,000	11,000	10,000	185	180	145	1,850	1,980	1,450	1,000 dollars 1,183
57,400	56,600	49,700	190	206	212	10,912	11,670	10,531	1,000 dollars 870
U.S									
Timothy seed									
Acres	Acres	Acres	Pounds	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 dollars
5,500	5,000	5,500	120	130	140	680	650	770	1,000 dollars 270
2,000	1,600	1,600	150	140	(1)	300	224	(1)	1,000 dollars 185
2,000	1,500	(1)	185	190	(1)	370	285	(1)	1,000 dollars 103
34,000	35,000	49,000	200	225	235	2,800	7,875	5,515	1,000 dollars 81
15,000	11,000	15,000	170	160	180	2,550	1,760	2,700	1,000 dollars 4,174
8,000	7,000	11,000	140	130	180	1,120	910	1,980	1,000 dollars 739
3,500	3,000	(1)	135	115	(1)	473	345	(1)	1,000 dollars 455
3,000	1,000	(1)	120	100	(1)	360	100	(1)	1,000 dollars 210
73,000	65,100	80,500	173	187	211	12,633	12,149	16,965	1,000 dollars 50
U.S									

See footnotes at end of table.

Table 420.—Field seeds, by kinds: Area, yield, production, and value, by States, 1976–78—Continued

State	Area harvested			Yield per acre			Production (clean seed)			Price for crop of —			Value of production		
	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978
Orchardgrass seed															
Ky	Acres 1,000	Acres 800	Acres 1,200	Pounds 180	Pounds 210	Pounds 175	1,000 pounds 180	1,000 pounds 168	1,000 pounds 210	Dollars 26.50	Dollars 34.00	Dollars 34.00	1,000 dollars 48	1,000 dollars 57	1,000 dollars 71
Mo	5,000	5,000	4,000	205	210	200	9,225	10,500	8,000	24.50	25.00	25.00	251	263	236
Oreg	13,000	11,000	11,000	710	730	700	9,230	8,030	7,700	32.00	35.00	42.00	2,954	2,811	3,234
Va	6,500	5,500	6,000	250	200	230	1,625	1,100	1,380	23.50	26.00	30.50	382	286	421
U.S	25,500	22,300	22,200	473	464	455	12,060	10,348	10,090	30.10	33.00	39.30	3,635	3,417	3,962
Kentucky bluegrass seed															
Idaho	Acres 9,400	Acres 9,800	Acres 10,000	Pounds 380	Pounds 300	Pounds 520	1,000 pounds 3,572	1,000 pounds 2,940	1,000 pounds 5,200	Dollars 56.70	Dollars 84.00	Dollars 67.00	1,000 dollars 2,025	1,000 dollars 2,470	1,000 dollars 3,484
Oreg	8,500	6,500	9,000	640	575	700	5,440	3,738	6,300	57.00	78.00	68.00	3,101	2,916	4,284
Wash	4,900	4,300	2,700	435	165	520	2,132	710	1,404	60.00	85.50	78.50	1,279	607	1,102
U.S	22,800	20,600	21,700	489	359	595	11,144	7,388	12,904	57.50	81.10	68.70	6,405	5,993	8,870
Kentucky bluegrass seed other than Merton ³															
Idaho	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds 4,400	1,000 pounds 2,565	1,000 pounds 10,400	Dollars 46.50	Dollars 82.00	Dollars 59.00	1,000 dollars 2,093	1,000 dollars 2,103	1,000 dollars 6,136
Oreg .....	.....	.....	.....	.....	.....	.....	3,280	3,653	6,400	48.00	89.00	67.50	2,587	4,750	4,590
Wash .....	.....	.....	.....	.....	.....	.....	10,500	3,200	11,337	43.00	80.00	66.00	4,770	2,560	7,878
Other States ⁴ .....	.....	.....	.....	.....	.....	.....	3,460	960	2,905	52.00	103.00	65.50	1,799	989	1,903
U.S .....	.....	.....	.....	.....	.....	.....	23,690	12,378	32,042	50.50	82.90	65.40	11,179	10,401	20,507
Chewings fescue seed															
Oreg	Acres 9,500	Acres 10,000	Acres 11,000	Pounds 570	Pounds 550	Pounds 450	1,000 pounds 5,415	1,000 pounds 5,500	1,000 pounds 4,950	Dollars 43.00	Dollars 52.00	Dollars 59.00	1,000 dollars 2,328	1,000 dollars 2,860	1,000 dollars 2,921
Red fescue seed															
Oreg	Acres 13,000	Acres 12,000	Acres 11,000	Pounds 510	Pounds 500	Pounds 480	1,000 pounds 6,630	1,000 pounds 6,000	1,000 pounds 5,280	Dollars 42.00	Dollars 52.00	Dollars 57.00	1,000 dollars 2,785	1,000 dollars 3,120	1,000 dollars 3,010

Tall (Alta & Ky. 31) fescue seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	4,500	4,000	150	130	310	675	520	7,905	25.00	32.00	(¹)	169	166	(¹)	1,067
Ark.	16,000	17,000	280	290	290	4,480	4,930	18.00	18.00	22.00	(¹)	806	1,085	(¹)	559
Cal.	10,000	10,000	200	205	210	2,000	2,050	2,940	26.00	35.00	(¹)	520	718	(¹)	962
Kans.	40,000	30,000	140	150	200	5,600	4,500	7,400	22.00	22.00	(¹)	1,232	990	(¹)	1,871
Ky.	18,000	21,000	185	190	270	3,330	3,990	11,340	20.50	27.50	(¹)	683	1,097	(¹)	13,073
Mo.	255,000	349,000	235	235	300	59,925	82,015	124,500	19.00	21.50	(¹)	11,386	17,633	(¹)	1,796
Oreg.	10,000	9,500	600	650	700	6,000	6,175	6,650	23.00	27.00	(¹)	1,410	1,976	(¹)	306
S.C.	5,000	6,000	180	170	(¹)	900	1,020	1,020	26.50	30.00	(¹)	239	306	(¹)	851
Tenn.	12,000	13,000	200	190	200	2,400	2,470	4,600	26.00	32.00	(¹)	624	790	(¹)	20,179
U.S.	370,500	459,500	230	234	292	85,310	107,670	165,335	20.00	23.00	(¹)	17,069	24,761	(¹)	5,175

Bentgrass seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg.	19,000	17,000	350	400	230	6,550	6,800	4,140	79.00	88.00	(¹)	5,254	5,984	(¹)

Hairy vetch seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Nehr.	10,500	12,000	90	120	(¹)	945	1,440	(¹)	27.00	27.00	(¹)	255	389	(¹)
Okla.	6,000	7,000	160	155	(¹)	960	1,085	(¹)	20.00	24.00	(¹)	192	260	(¹)
Oreg.	7,500	8,000	550	600	450	4,215	4,800	3,600	26.00	28.00	(¹)	1,096	1,344	(¹)
Tex.	3,000	3,500	245	260	(¹)	735	916	(¹)	24.50	26.50	(¹)	180	241	(¹)
U.S.	27,000	30,500	254	270	450	6,855	8,235	3,600	25.10	32.00	(¹)	1,723	2,234	(¹)

Ryegrass seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg. all	166,000	180,000	1,180	1,504	1,242	195,940	270,800	240,980	15.50	13.40	(¹)	30,357	36,188	(¹)

¹ Estimates discontinued.² Includes Proprietary and Merit varieties.³ Harvested area and yield not available.⁴ Other States include Iowa, Kentucky, Minnesota, Missouri, Nebraska, North Dakota, Ohio, and South Dakota.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 421.—Seeding rates: Quantity of seed used per acre for specified crops, by States

State	Corn	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Flaxseed	Sorghum	Rice	Beans, dry edible	Peas, dry field	Soybeans	Potatoes (Irish)	Sweet potatoes	Peanuts ¹	Cotton ²
	Pounds	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Pounds	Pounds	Pounds	Pounds	Bushels	Cwt.	Cwt.	Pounds	Pounds
Ala.	11.1	2.1	2.1	3.0	2.4	1.8	1.8	18.7	150	150	150	150	1.2	14.4	4.0	140	23
Ariz.	18.2	2.0	2.0	2.9	2.0	2.0	2.0	11.5	150	150	150	150	1.1	15.0	6.7	140	21
Ark.	14.3	1.9	1.8	2.9	2.0	2.0	2.0	9.6	150	150	150	150	1.1	18.1	5.0	140	28
Calif.	19.0	1.7	1.8	2.9	2.0	2.0	2.0	17.0	150	150	150	150	1.1	19.7	5.0	140	26
Colo.	17.0	.65	1.3	2.0	1.5	1.5	1.5	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Conn.	16.5	1.9	1.9	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	19.7	5.0	140	26
Del.	11.9	1.9	1.9	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Fla.	10.5	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	19.7	5.0	140	26
Ga.	11.3	2.0	2.0	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Idaho	17.0	1.2	1.2	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Ill.	14.1	1.7	1.7	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Ind.	13.4	1.9	1.9	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Iowa	14.3	1.6	1.6	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Kans.	12.8	.95	1.3	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Ky.	12.5	1.7	1.7	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
La.	12.7	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Maine	17.0	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Md.	12.4	2.0	2.0	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Mass.	16.5	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Mich.	13.5	2.1	2.1	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Minn.	13.3	1.6	1.6	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Miss.	10.5	2.1	2.1	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Mo.	12.6	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Mont.	17.7	.90	1.1	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Nebr.	12.9	1.1	1.1	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Nev.	17.9	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
N.H.	17.5	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
N.J.	14.0	2.1	2.1	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
N.Mex.	13.3	.65	1.3	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
N.Y.	16.8	2.3	2.3	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
N.C.	12.8	1.7	1.7	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
N.Dak.	10.5	2.0	2.0	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Ohio	14.5	2.3	2.3	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Okl.	14.2	1.0	1.0	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Oreg.	15.6	1.1	1.1	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Pa.	13.0	2.2	2.2	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
R.I.	16.5	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
S.C.	12.4	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
S.Dak.	9.3	1.1	1.1	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Tenn.	11.9	1.8	1.8	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Tex.	13.1	.90	1.3	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Utah	20.1	1.3	1.3	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26
Vt.	17.5	1.3	1.3	2.9	2.0	2.0	2.0	6.4	150	150	150	150	1.1	22.0	5.0	140	26

Va	13.1	1.8	. . . . .	. . . . .	2.4	2.0	1.7	. . . . .	10.5	. . . . .	. . . . .	. . . . .	1.0	12.5	7.9	145	23
Wash	17.5	1.0	. . . . .	. . . . .	2.5	1.6	1.2	. . . . .	. . . . .	. . . . .	83	180	. . . . .	20.5	. . . . .	. . . . .	. . . . .
W.Va	12.3	2.0	. . . . .	1.2	2.3	2.1	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Wis	13.4	1.8	. . . . .	1.8	2.9	2.0	1.6	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	1.1	17.8	. . . . .	. . . . .	. . . . .
Wyo	18.9	.75	. . . . .	1.1	2.2	1.9	.85	. . . . .	. . . . .	. . . . .	70	. . . . .	. . . . .	21.0	. . . . .	. . . . .	. . . . .
US	13.4	1.11	1.49	1.20	2.60	1.67	1.59	.793	6.63	143	55	170	1.05	18.5	6.4	134	26

Economics, Statistics, and Cooperatives Service—Crop Reporting Board, United States
average is rate of seeding weighted by 1978 area planted, by States.

¹ Farmers stock (unshelled basis).

² Fuzzy equivalent basis.

Table 422.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1970-79

Kind of seed	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Price per 100 pounds										
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alfalfa, uncertified varieties	57.30	54.80	50.90	75.80	153.00	114.00	99.00	153.00	168.00	180.00
Alfalfa, certified varieties	65.80	64.20	26.50	83.20	167.00	140.00	116.00	177.00	194.00	215.00
Red clover	60.70	57.70	52.80	73.30	114.00	106.00	90.00	108.00	128.00	115.00
Alsike clover	37.10	37.90	37.70	39.90	59.50	67.50	63.00	89.50	67.00	.....
Sweetclover	23.60	21.30	21.90	22.70	28.00	35.00	36.00	38.50	39.00	.....
Ladino clover	131.00	140.00	137.00	143.00	220.00	250.00	210.00	220.00	220.00	280.00
Lespedeza, Korean	24.20	22.70	26.40	46.10	68.00	59.50	48.00	62.50	74.00	66.00
Lespedeza, Striate, Kobe	30.20	27.20	29.00	47.40	70.00	69.00	73.00	93.50	107.00	96.00
Lespedeza, Sericea	37.30	41.50	44.70	99.10	127.00	76.00	91.00	226.00	301.00	157.00
Timothy	24.00	24.00	24.60	46.10	65.00	51.00	37.00	60.00	124.00	98.00
Orchardgrass	41.70	42.50	38.80	46.10	65.50	63.00	53.00	62.00	70.00	85.00
Kentucky bluegrass	60.90	66.90	65.20	70.90	162.00	107.00	92.00	147.00	165.00	155.00
Ryegrass, annual	18.30	17.70	17.20	21.30	49.00	34.90	28.00	35.00	32.00	32.00
Tall fescue	32.00	26.00	24.50	39.20	43.50	35.00	32.50	47.50	62.00	40.00
Sudangrass	15.80	16.00	19.80	21.90	24.50	27.30	28.00	34.50	32.00	33.00
Potatoes ¹	3.86	3.44	3.13	4.92	8.05	5.30	7.40	5.63	5.00	4.60
Peanuts	40.20	37.20	37.10	38.30	46.00	45.50	43.50	52.00	53.00	54.00
Cottonseed	15.70	17.20	17.40	18.30	25.30	33.60	28.50	30.30	31.00	33.10
Grain sorghums, hybrid	20.80	21.90	23.30	24.60	28.50	36.50	37.50	41.00	43.00	41.00
Forage sorghums	13.00	15.20	19.70	20.70	21.00	23.50	21.50	27.50	22.50	23.80
Price per bushel										
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Corn, hybrid	15.70	18.80	21.50	22.20	25.00	36.50	36.50	40.00	43.00	45.50
Wheat (spring)	2.38	2.46	2.63	3.20	8.40	7.70	6.50	5.20	5.10	5.40
Oats (spring)	1.67	3.05	1.69	2.08	3.05	3.65	3.40	3.70	3.10	3.20
Barley (spring)	1.86	1.90	1.99	2.35	4.10	5.50	5.10	4.60	4.10	5.80
Soybeans for seed	4.02	4.87	5.21	8.75	9.50	10.50	7.40	13.00	11.50	12.00
Flaxseed	4.43	4.07	3.79	6.35	16.50	13.00	10.50	11.00	7.00	10.00

¹ Season average price.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 423.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1970-78

Kind of seed	1970	1971	1972	1973	1974	1975	1976	1977	1978
Price per 100 pounds									
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alfalfa, uncertified varieties	58.50	54.40	54.80	105.00	151.00	107.00	122.00	158.00	165.00
Alfalfa, certified varieties	65.80	62.60	64.50	119.00	166.00	132.00	145.00	182.00	190.00
Red clover	59.90	56.10	55.00	80.50	112.00	100.00	100.00	110.00	121.00
Alsike clover	38.00	37.80	37.50	44.50	62.00	64.50	71.00	88.00	64.00
Ladino clover	123.00	143.00	136.00	165.00	225.00	250.00	210.00	220.00	220.00
Crimson clover	25.70	29.40	34.20	59.50	91.00	99.00	73.00	59.00	77.00
Timothy	22.50	24.30	28.90	55.00	60.00	43.00	49.00	75.00	97.50
Orchardgrass	41.30	41.80	42.00	57.50	66.00	59.00	58.00	62.00	69.50
Kentucky bluegrass	61.60	66.90	66.70	145.00	143.00	86.90	107.00	145.00	177.00
Tall fescue	24.90	23.40	27.50	40.00	40.00	34.00	40.00	50.00	47.50
Ryegrass, annual	13.30	16.80	15.90	39.50	41.00	28.50	31.00	28.00	28.50
Ryegrass, perennial	25.50	26.20	28.30	77.00	84.00	43.00	46.00	56.00	60.50
Hairy vetch	24.00	22.20	21.80	25.50	37.00	37.00	48.00	49.00	56.00
Price per bushel									
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Wheat (winter)	2.55	2.67	2.97	7.20	7.50	6.10	6.00	4.40	5.90
Oats (winter)	1.83	2.02	2.27	3.90	3.95	4.75	3.75	3.60	3.25
Barley (winter)	2.27	2.50	2.88	4.60	5.30	5.45	4.95	4.30	4.70
Rye	2.60	2.73	2.78	4.90	5.90	5.90	6.00	5.20	4.90

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 424.—Vegetable seeds: Imports admitted under the Federal Seed Act into the United States, 1975-78

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1975	1976	1977	1978 ¹		1975	1976	1977	1978 ¹
	<i>100 pounds</i>	<i>100 pounds</i>	<i>100 pounds</i>	<i>100 pounds</i>		<i>100 pounds</i>	<i>100 pounds</i>	<i>100 pounds</i>	<i>100 pounds</i>
Asparagus	13	....	....	4	Kale, Chinese	2	1	....	9
Bean:					Kohlrabi	24	36	30	36
Asparagus	59	105	105	85	Leek	28	43	27	1,289
Garden	1,540	4,888	3,253	835	Lettuce ²	4,196	2,180	1,229	291
Lima	118	6	1	....	Muskmelon	455	375	294	5
Runner	141	256	298	68	Mustard, India	14	12	5	2
Beet	84	367	59	101	Mustard, Spinach	11	1	....	20
Broadbean	85	32	14	13	Okra . . . . .	....	22	227	2
Broccoli	449	137	46	78	Onion	2,844	2,814	2,146	2,548
Brussels sprouts	53	32	32	33	Onion, Welsh . . . . .	....	....	5	14
Burdock	10	13	11	5	Pak-choi	13	14	12	223
Carrot	82	114	117	238	Parsley ²	281	236	182	2
Cardoon	10	3	3	1	Parsnip	7	1	2	2
Cauliflower	453	1,099	261	136	Pea, garden ²	2,088	40,102	15,951	1,955
Celery	182	77	372	197	Pepper ²	381	584	343	544
Celeriac	4	1	2	2	Pumpkin ²	1,300	13	6	2
Celery ²	226	7	2	7	Radish	590	242	284	239
Chard, Swiss	119	49	10	16	Rhubarb . . . . .	....	....	....	....
Chicory	24	4	5	4	Rutabaga	3	1	3	1
Chinese Cabbage	28	32	28	60	Salsify	267	167	130	29
Chives	24	7	9	....	Sorrel	9	2	....	....
Corn, sweet	165	125	98	267	Soybean ²	52	212	122	3
Cornsalad	1	....	1	....	Spinach	214	296	612	575
Cress:					Spinach, New Zealand	186	133	104	61
Garden	50	10	31	20	Squash	67	234	41	205
Upland . . . . .	....	1	....	5	Tomato	7,150	4,549	4,100	2,354
Water	2	3	1	....	Tomato, husk	12	4	4	7
Cucumber	1,461	837	692	537	Turnip	45	73	31	64
Dandelion	2	2	1	....	Watermelon ²	81	64	59	155
Eggplant	140	338	143	230					
Endive . . . . .	....	18	1	4					
Kale	32	17	19	6	Total	25,875	60,992	31,565	13,587

¹Includes July 1978 through April 1979.²Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Agricultural Marketing Service.

Table 425.—Vegetable seeds: Area, production, and stocks held by dealers on June 30, United States, 1976–78

Kind of seed	Area harvested			Production			Stocks		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
Bean:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Bush green	13,844	28,100	38,896	20,108	45,901	52,963	46,162	29,131	14,338
Bush wax	1,915	3,098	3,342	2,679	4,347	4,424	4,061	2,359	2,021
Pole (green and wax)	2,271	3,566	3,576	3,009	5,044	4,522	2,673	2,620	2,340
Bush lima	3,889	5,148	5,791	7,852	10,261	11,478	6,236	5,246	3,631
Pole lima	286	565	520	430	868	959	460	482	478
Beet, garden	1,394	1,123	773	1,511	1,450	627	1,712	2,061	2,040
Broccoli	174	124	173	66	63	78	184	200	134
Cabbage	1,242	930	1,013	772	710	777	581	689	555
Carrot	4,580	1,639	3,743	3,056	910	2,731	1,633	2,676	1,727
Cauliflower	409	392	372	156	162	168	133	119	88
Celery	60	49	22	46	19	14	72	97	59
Chard, Swiss	157	125	104	183	192	107	205	320	201
Corn:									
Sweet, hybrids	11,296	8,831	9,544	20,276	14,636	15,440	13,924	14,634	10,862
Sweet, open-pollinated	495	205	174	1,116	416	397	723	991	593
Nonsweet	251	213	200	608	536	507	350	433	286
Cucumber	2,542	3,050	4,719	1,163	1,209	1,736	2,535	1,902	1,289
Eggplant	93	5	17	12	1	2	36	44	29
Endive	155	50	64	93	28	45	148	136	88
Kale	492	635	211	543	612	181	441	662	680
Kohlrabi	76	107	117	49	82	124	8	24	17
Leek	10	14	26	4	7	7	13	12	9
Lettuce:									
Heading	876	1,427	1,409	250	610	424	626	616	502
Loose-leaf	830	663	657	241	270	208	154	198	217
Romaine	72	154	93	20	61	33	75	60	56
Muskmelon	2,039	2,056	3,186	649	633	975	728	703	460
Watermelon	8,635	8,832	7,416	2,152	2,232	1,738	1,332	1,372	1,200
Mustard	248	181	212	284	213	257	1,034	959	654
Okra	158	214	445	178	277	589	1,200	700	326
Onion	4,215	4,403	3,243	1,275	1,468	807	596	1,141	1,183
Parsley	433	302	167	250	192	79	119	172	249
Parsnip	111	80	16	66	64	10	48	74	55
Peas	65,366	61,168	83,652	120,146	94,838	185,910	67,456	72,168	33,062
Pepper	1,827	1,090	1,887	229	139	192	453	360	237
Pumpkin	169	143	237	93	74	92	300	286	215
Radish	2,580	1,594	1,782	2,690	1,470	1,697	2,046	2,993	2,102
Salsify	10	10	10	3	3	1	8	8	7
Spinach	844	1,403	1,615	1,075	2,592	2,194	1,534	796	1,014
Squash:									
Summer	1,702	1,222	1,628	1,100	778	899	1,296	1,272	963
Winter	909	422	669	321	192	166	384	468	405
Tomato	3,900	3,891	3,778	480	466	405	847	978	882
Turnip	1,017	193	276	1,772	196	493	1,900	3,151	2,319
Rutabaga	55	10	49	122	8	46	243	355	297

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Compiled from reports of commercial vegetable seed growers and handlers.

Table 426.—Agricultural seeds: Imports admitted under the Federal Seed Act into the United States, 1975-78

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1975	1976	1977	1978 ¹		1975	1976	1977	1978 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Alfalfa	111	159	777	144	Lovegrass, weeping	197	33	...	...
Barley ²	272	793	1,449	872	Meadow, foxtail	72	11	2	1
Barrelclover	1	40	20	...	Millet, Japanese	100	...	...	70
Bean:					Mixtures				
Adzuki	3	...	...	...	Grasses	22	22	3	1
Field	5	7	3	34	Legumes	4,567	4,593	3,188	4,697
Mung .....	...	2	...	...	Other .....	...	14	82	25
Broadbean .....	...	...	96	345	Mustard, India ² .....	...	148	221	58
Beet:					Mustard, white ²	118	342	465	69
Field	16	2	6	...	Oat ²	765	1,802	1,248	3,139
Sugar	496	400	164	174	Panicgrass, green	48	46	8	13
Bentgrass:					Pea, field ²	406	505	615	160
Colonial	57	42	17	3	Rape:				
Creeping	3	11	3	11	Annual ² .....	...	72	651	252
Bermudagrass .....	...	1	...	9	Bird .....	...	...	5	4
Bluegrass:					Turnip .....	...	...	2	2
Canada .....	...	...	3	...	Winter .....	...	...	...	1
Kentucky	385	799	82	257	Redtop	9	...	35	...
Rough	22	526	381	285	Rye ²	123	143	12	7
Brome, smooth	224	209	57	17	Ryegrass:				
Buckwheat ²	210	138	418	10	Annual	43	190	456	229
Chickpea .....	...	...	...	55	Perennial	116	826	845	446
Clover:					Wimmera	44	22	55	22
Alsike	3,638	2,980	4,693	2,145	Safflower	16	...	...	...
Berseem .....	...	4	...	...	Sainfoin	1	...	16	...
Crimson	200	2	3	118	Sorghum ²	240	481	23	1,284
Ladino	3	180	10	...	Sorghum-Sudangrass .....	...	...	5	...
Persian .....	...	...	...	6	Soybean ²	26	119	43	183
Red	5,041	3,373	3,514	4,212	Sunflower ²	861	113	104	65
Rose	30	17	18	4	Sweetclover, yellow				
Small hop .....	...	6	9	...	& white (mixed)	211	234	449	111
Strawberry .....	...	88	26	5	Sweetclover:				
Subterranean	238	294	703	327	White	198	171	75	1
White	972	849	406	572	Yellow	6,104	7,169	8,605	6,047
Corn, field ²	12,667	9,981	10,260	6,621	Timothy	552	790	1,440	805
Cowpea ²	635	684	709	393	Trefoil, birdsfoot	812	868	1,005	634
Crownvetch	8	...	...	1	Triticale .....	...	15	37	...
Fescue:					Vetch, common .....	...	451	...	...
Chewings	9	13	24	11	Vetch, hairy ²	110	3	2	2
Hard	4	...	89	...	Wheat ²	40,679	1,243	353	1,091
Meadow	284	626	105	28	Wheat, durum ²	65	50	156	218
Red	13,369	22,369	19,375	9,978	Wheatgrass:				
Sheep .....	...	...	22	...	Crested	1,146	526	544	521
Tall	4	6	4	50	Intermediate .....	...	18	...	...
Flax ²	35	1,477	44	60	Pubescent	65	57	119	95
Grass:					Siberian .....	...	...	129	...
Buffel .....	...	6	10	2	Slender	79	60	367	41
Canary ²	39	40	85	4	Streambank	13	80	32	...
Canarygrass, reed	2	1	...	7	Tall .....	...	13	251	226
Carpet	133	258	407	215	Wildrye, Russian	89	228	197	32
Dallis	57	86	79	53					
Guinea	1	43	3	1	Total	97,263	69,203	66,442	47,876
Harding	46	5	41	...					
Japanese lawn	1	...	...	...		
Orchard	145	1,227	482	282					
Rhodes .....	...	...	...	13					
Lentil .....	...	1	...	...			

¹Includes July 1978 through April 1979.²Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Agricultural Marketing Service.

Table 427.—Beans, dry edible: Area, yield, production, disposition, and value. United States, 1964–78^{1 2}

Year	Area planted	Area harvested	Yield per harvested acre ³	Production ³	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers ⁴	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	1,442	1,388	1,252	17,375	178	17,197	7.57	131,616
1965	1,556	1,484	1,109	16,457	168	16,289	8.68	142,821
1966	1,521	1,486	1,343	19,964	166	19,798	7.17	143,162
1967	1,283	1,205	1,263	15,215	140	15,075	9.26	141,025
1968	1,473	1,424	1,224	17,435	165	17,270	8.18	143,697
1969	1,519	1,469	1,287	18,913	133	18,780	7.60	143,907
1970	1,503	1,409	1,235	17,399	140	17,259	9.21	160,332
1971	1,338	1,296	1,230	15,939	139	15,800	10.90	173,971
1972	1,456	1,371	1,312	17,983	152	17,831	11.00	198,335
1973	1,358.7	1,331.7	1,222	16,274	157	16,117	27.30	444,945
1974	1,587.4	1,515.8	1,341	20,329	163	20,166	19.80	402,341
1975	1,514.2	1,466.1	1,190	17,442	155	17,287	21.10	350,988
1976	1,541.8	1,499.3	1,186	17,786	154	17,632	15.50	276,291
1977	1,412.7	1,279.9	1,298	16,610	133	16,477	20.20	334,866
1978 ⁵	1,543.9	1,494.4	1,279	19,117	156	18,961	16.30	311,162

¹ Figures include principal producing States only.² Excludes beans grown for garden seed.³ Cleaned basis.⁴ Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 428.—Beans, dry edible (cleaned basis): Production, by classes; United States, 1976–78¹

Class	1976	1977	1978 ²	Class	1976	1977	1978 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Pea (navy)	4,846	5,209	6,211	Black turtle soup	157	109	132
Great northern	1,767	1,603	1,863	Large lima	522	540	434
Small white	329	239	179	Baby lima	378	475	489
Flat small white	6	9	9	Blackeye, California	607	800	745
Pinto	5,792	4,517	5,530	Garbanzo	46	63	80
Red kidney	1,377	1,285	1,757	Other	275	313	334
Pink	990	753	682				
Small red	437	305	353	Total	17,786	16,610	19,117
Cranberry	257	390	319				

¹ Excludes beans grown for garden seed.² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 429.—Beans, dry edible: Area, yield, and production, by States, 1976–78¹

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Calif	179.0	169.0	210.0	179.0	169.0	210.0	1,564	1,708	1,518	2,800	2,887	3,188
Colo	190.0	175.0	185.0	185.0	150.0	170.0	900	830	900	1,665	1,245	1,530
Idaho	161.0	134.0	154.0	159.0	132.0	153.0	1,670	1,640	1,630	2,655	2,165	2,494
Kans	13.0	13.0	17.5	12.5	12.5	16.0	1,200	1,300	1,200	150	162	192
Mich	560.0	550.0	570.0	545.0	480.0	560.0	1,000	1,180	1,150	5,450	5,664	6,440
Minn	45.0	33.0	44.0	42.0	30.0	42.0	867	1,320	1,410	364	396	592
Mont	9.0	6.7	8.4	9.0	6.5	8.4	1,700	1,600	1,500	153	104	126
Nebr	126.0	120.0	125.0	120.0	114.0	118.0	1,650	1,550	1,650	1,980	1,767	1,947
N.Y	41.0	42.0	45.0	37.0	32.0	42.0	1,070	1,100	1,020	396	352	428
N. Dak	144.0	115.0	118.0	139.0	105.0	113.0	800	1,050	1,100	1,112	1,103	1,243
Utah	13.0	5.0	9.0	13.0	1.0	8.0	390	200	300	51	2	24
Wash	27.0	20.0	28.0	26.0	19.0	27.0	1,750	1,750	1,800	455	333	486
Wyo	26.0	24.0	30.0	25.0	23.0	27.0	1,800	1,650	1,580	450	380	427
Other States ³	7.8	6.0	....	7.8	5.9	....	1,346	848	....	105	50	....
U.S	1,541.8	1,412.7	1,543.9	1,499.3	1,279.9	1,494.4	1,186	1,298	1,279	17,786	16,610	19,117

¹Excludes beans grown for garden seed.

²Preliminary.

³Illinois and Indiana; estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 430.—Beans, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1978 (preliminary)¹

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif	3,188	51	3,137	23.70	75,556	74,347
Colo	1,530	28	1,502	15.70	24,021	23,581
Idaho	2,494	0	2,494	15.30	38,158	38,158
Kans	192	0	192	15.30	2,938	2,938
Mich	6,440	71	6,369	13.90	89,516	88,529
Minn	592	0	592	13.80	8,170	8,170
Mont	126	1	125	16.70	2,104	2,088
Nebr	1,947	0	1,947	16.00	31,152	31,152
N.Y	428	4	424	17.60	7,533	7,462
N. Dak	1,243	0	1,243	13.20	16,408	16,408
Utah	24	1	23	16.80	403	386
Wash	486	0	486	17.40	8,456	8,456
Wyo	427	0	427	15.80	6,747	6,747
U.S	19,117	156	18,961	16.30	311,162	308,422

¹Excludes beans grown for garden seed.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 431.—Beans, dry edible: Season average wholesale price per 100 pounds, at selected markets, 1964–78

Year beginning September	New York City ¹		F.o.b. California points				F.o.b. Idaho points: Great northern, U.S. No. 1 ²	F.o.b. Colorado points: Pinto, U.S. No. 1 ²
	Pea, choice	Lima, large standard	Baby lima, choice	Lima, large	Red kidney	Small white		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	8.22	15.33	7.28	13.32	10.72	10.95	7.69	10.72
1965	10.28	16.38	12.65	14.14	12.18	12.15	9.59	8.98
1966	8.03	24.37	11.11	23.33	9.48	9.43	7.47	7.47
1967	10.69	22.85	14.89	19.45	13.72	13.17	8.50	9.54
1968	10.62	18.11	7.81	14.46	23.26	11.85	8.62	7.83
1969	9.65	15.46	7.99	12.15	11.25	10.07	8.02	10.69
1970	14.00	16.07	8.86	13.51	19.63	13.83	10.35	9.24
1971	16.68	21.55	10.88	19.40	14.17	17.36	11.77	11.59
1972	12.84	31.95	17.40	29.51	28.18	18.74	16.81	10.96
1973	46.90	42.83	32.50	39.18	41.76	45.76	34.79	39.37
1974	21.77	31.96	16.00	24.64	27.85	18.08	20.93	32.45
1975	22.50	37.50	17.69	32.70	23.80	24.39	23.61	17.69
1976		45.86	20.83	37.34	21.36	21.88	17.80	14.74
1977		46.39	21.03	35.49	35.69	27.31	24.84	25.96
1978		42.53	20.39	31.48	37.83	26.15	23.32	23.29

¹Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

²Prices include brokerage, cleaning, and handling charges.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from New York Producers Price Current, New York Journal of Commerce, and Bean Market News (formerly Bean Market Review).

Table 432.—Beans, dry edible: United States exports to specified countries, 1976–78

Continent and country	1976	1977	1978	Continent and country	1976	1977	1978
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe—Continued	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	7,813	12,423	17,717	Italy	4,936	6,265	7,320
Dominican Republic	9,572	191	5,248	Netherlands	13,229	13,874	20,610
French West Indies	1,138	1,419	1,394	Spain	636	1,284	3,030
Mexico	9,729	6,005	8,785	United Kingdom	23,956	26,858	53,653
Panama	1,119	1,856	1,728	Total	60,666	72,037	99,674
Trinidad and Tobago	566	650	706				
Total	29,937	22,544	35,578	Asia:			
South America:				Israel	168	1,503	416
Brazil	281	3,217	703	Japan	10,034	28,904	15,853
Colombia	32	2,100	150	Philippines	785	1,304	1,544
Venezuela	3,504	12,575	5,846	Total	10,987	31,711	17,813
Total	3,817	17,892	6,699	Oceania:			
Europe:				Australia	2,157	1,857	2,524
Belgium and Luxembourg	1,215	2,730	3,236	Other countries	15,663	34,359	41,210
France	7,327	12,014	7,631	Grand total	123,227	180,400	203,498
Germany, Fed. Rep. of	9,367	9,012	4,194				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 433.—Beans, dry edible: United States exports by class and quantity, 1964–78

Year ¹	Navy or pea	Great northern	Other white	Pinto	Red kidney	Small red	Other colored	Seed	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1964	1,550	346	143	173	296	² 14	349	70	2,941
1965	1,075	240	78	138	223	.....	435	72	2,261
1966	2,044	630	143	164	167	.....	441	65	3,654
1967	762	277	137	270	136	.....	377	109	2,068
1968	1,156	331	439	202	64	.....	439	106	2,737
1969	1,828	532	390	552	223	.....	636	181	4,342
1970	1,331	354	360	411	180	.....	484	152	3,272
1971	962	617	235	271	178	.....	407	141	2,811
1972	1,849	699	211	558	111	.....	668	183	4,279
1973	1,069	583	236	801	67	.....	458	125	3,339
1974	1,518	808	217	1,468	217	.....	752	135	5,115
1975	831	324	131	631	154	.....	493	152	2,716
1976	788	911	280	755	255	.....	850	138	3,977
1977	794	904	44	750	265	.....	595	132	2,889
1978	1,675	794	66	463	198	.....	683	242	4,121

¹ Marketing year beginning September.

² Four months only; not separately classified, beginning January 1965.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 434.—Peas, wrinkled green seed: Production, by States, 1976–78

State	1976	1977	1978 ¹
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Idaho	340	207	775
Wash.	257	340	425
Total	597	547	1,200

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 435.—Peas, dry edible: Area, yield, production, disposition, season average price per hundredweight received by farmers, and value, United States, 1964–78¹

Year	Area planted	Area harvested	Yield per harvested acre (cleaned)	Production (cleaned)	Used on farms where produced	Sold	Price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	282	265	1,522	4,032	60	3,972	3.57	14,413
1965	182	174	1,742	3,031	51	2,980	4.21	12,757
1966	184	175	1,447	2,532	45	2,487	4.55	11,516
1967	185	176	1,456	2,563	53	2,510	4.42	11,318
1968	191	181	1,507	2,727	78	2,649	4.72	12,865
1969	242.0	232.0	1,610	3,736	95	3,641	4.31	16,101
1970	279.9	256.9	1,290	3,315	47	3,268	4.17	13,805
1971	213.7	202.7	1,939	3,930	48	3,882	3.47	13,632
1972	148.0	135.1	1,557	2,103	43	2,060	5.47	11,494
1973	146.6	136.4	1,221	1,665	21	1,644	17.80	29,672
1974	220.0	213.0	1,515	3,228	38	3,190	11.40	36,917
1975	196.5	188.5	1,449	2,731	21	2,710	7.83	21,376
1976	130.0	125.0	1,720	2,150	23	2,127	11.30	24,377
1977	173.0	167.0	613	1,023	19	1,004	13.90	14,184
1978 ²	204.0	202.0	1,783	3,601	19	3,582	8.00	28,808

¹ Data are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, Austrian winter peas or wrinkled seed peas.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 436.—Peas, dry edible: Area, yield, and production, by States, 1976–78¹

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Idaho	50.0	68.0	83.0	48.0	67.0	82.0	1,720	840	1,830	826	563	1,501
Wash	80.0	105.0	121.0	77.0	100.0	120.0	1,720	460	1,750	1,324	460	2,100
U.S.	130.0	173.0	204.0	125.0	167.0	202.0	1,720	613	1,783	2,150	1,023	3,601

¹ Excludes both wrinkled seed peas and Austrian winter peas.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 437.—Peas, dry edible (cleaned basis): Production, by classes, United States, 1976–78¹

Class	1976	1977	1978 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Alaska and other smooth green kinds	1,775	810	2,686
White Canadas, First and Best, other smooth yellow and white kinds	375	213	915
Total	2,150	1,023	3,601

¹ Excludes both wrinkled seed peas and Austrian winter peas.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 438.—Peas, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1978 (preliminary)¹

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Idaho	1,501	2	1,499	8.00	12,008	11,992
Wash.	2,100	17	2,083	8.00	16,800	16,664
U.S.	3,601	19	3,582	8.00	28,808	28,656

¹ Excludes both wrinkled seed peas and Austrian winter peas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 439.—Peas, dry field: United States exports to specified countries, 1976–78

Continent and country	1976	1977	1978	Continent and country	1976	1977	1978
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe—Continued			
Canada	6,075	4,896	2,793	Iceland	339	298	237
Mexico	538	706	464	Italy	2,040	1,561	2,092
Panama	236	447	569	Netherlands	770	812	205
Trinidad and Tobago	566	251	374	Norway	1,211	964	335
Total	7,415	6,300	4,200	Sweden	546	640	741
South America:				Switzerland	0	0	262
Brazil	5,317	1,191	283	United Kingdom	13,752	13,490	4,651
Colombia	3,160	6,998	1,178	Total	20,534	19,168	8,523
Peru	1,037	461	6	Asia:			
Surinam	837	356	370	Hong Kong	929	567	694
Venezuela	18,307	14,141	5,906	Israel	445	643	536
Total	28,658	23,147	7,743	Japan	8,823	7,123	3,827
Europe:				Philippines	447	1,230	679
Belgium and Luxembourg	272	308	183	Total	10,644	9,563	5,736
Denmark	559	157	198	Other countries	23,622	23,697	18,015
Germany, Fed. Rep. of	1,045	938	959	Grand total	90,873	81,875	44,217

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 440.—Peas, dry field: United States exports by class and quantity, 1964–78

Year ¹	All peas and lentils ²	Seed	Cowpeas and garbanzos	Alaska and smooth green	Yellow, white peas, and lentils
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1964	2,394	202	³ 21	1,167	⁴ 1,004
1965	2,503	257		1,068	1,268
1966	2,971	269		1,182	1,520
1967	2,653	253		1,061	1,339
1968	3,082	316		1,348	1,418
1969	3,917	289		1,636	1,992
1970	3,273	266		1,204	1,803
1971	3,614	281		1,166	2,167
1972	3,687	326		1,458	1,903
1973	3,650	322		1,425	1,902
1974	2,179	334		829	1,015
1975	3,301	333		1,049	1,919
1976	2,961	285		1,042	1,635
1977	2,579	198		970	1,389
1978	1,168	176		309	551

¹ Marketing year beginning September.² Includes dry peas, seed peas, cowpeas, garbanzos, lentils, Austrian winter peas, and blackeye and Mexican beans.³ Five months only; not separately classified, beginning January 1965.⁴ Beginning January 1965, also includes cowpeas, garbanzos, Austrian winter peas, and blackeye and Mexican beans.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 441.—Hops: Area, yield, and production, by States, 1976–78

State	Area harvested			Yield per acre			Production ¹		
	1976	1977	1978 ^{2 3}	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Calif	1.5	1.5	1.5	1,660	1,630	1,360	2,490	2,445	2,040
Idaho	3.0	2.9	2.7	1,720	1,770	1,790	5,160	5,133	4,833
Oreg	5.4	5.5	5.4	1,660	1,690	1,510	8,964	9,295	8,154
Wash	21.0	20.6	21.3	1,960	1,840	1,880	41,160	37,904	40,044
U.S.	30.9	30.5	30.9	1,870	1,796	1,782	57,774	54,777	55,071

¹ Total production. 1978 quantities available for market will be governed by regulations issued under Federal Market Order 991. In 1978, includes 215,000 pounds lost by fire.² Preliminary.³ Does not include 100 acres left unharvested in Oregon.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 442. — Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1964–78

Year	Area Harvested	Yield per acre	Production ¹	Sales	Season average price per pound received by farmers	Value of production	Stocks Sept. 1
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	32.6	1,637	53,378	53,081	47.2	25,179	19,100
1965	32.7	1,714	56,060	56,060	46.1	25,865	22,140
1966	32.2	1,726	55,568	55,290	46.2	25,654	24,710
1967	29.8	1,661	49,498	44,948	45.9	22,701	27,480
1968	28.4	1,540	43,733	42,775	47.2	20,659	26,770
1969	27.0	1,547	41,763	41,763	51.0	21,305	27,860
1970	27.7	1,656	45,863	45,863	56.0	25,681	27,950
1971	28.9	1,718	49,663	49,663	65.9	32,743	30,120
1972	29.7	1,728	51,309	51,180	71.4	36,631	28,770
1973	31.4	1,744	54,769	54,769	75.7	41,457	30,280
1974	32.4	1,759	56,979	56,928	79.8	45,486	33,720
1975	32.1	1,742	55,913	55,737	83.0	46,419	42,170
1976	30.9	1,870	57,774	57,774	84.8	48,982	50,400
1977	30.5	1,796	54,777	54,777	89.6	49,095	50,480
1978 ²	30.9	1,782	55,071	54,856	90.1	49,599	47,540

¹ Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 297 in 1964; 278 in 1966; 4,550 in 1967; 958 in 1968; 129 in 1972; 51 in 1974; 176 in 1975; and 215 in 1978.

² Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 443. — Hops: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production ^{1,2}	Sold ²	Season average price per pound	Value of —	
				Production	Sales
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif	2,040	2,040	96.1	1,960	1,960
Idaho	4,833	4,833	89.9	4,345	4,345
Oreg	8,154	8,091	103.7	8,456	8,390
Wash	40,044	39,892	87.0	34,838	34,706
Total	55,071	54,856	90.1	49,599	49,401

¹ Quantities available for market will be governed by regulations issued under Federal Market Order 991.

² The difference between production and sold, 215,000, pounds, is quantities lost in kiln and warehouse fires.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 444.—Hops: United States exports by country of destination and imports by country of origin, 1975–77

Item and country	Year beginning September			Item and country	Year beginning September		
	1975	1976	1977		1975	1976	1977
EXPORTS				EXPORTS—continued			
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Other countries:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belgium and Luxembourg	1	29	...	Cameroon	50	48	45
Czechoslovakia	547	248	...	Canada	1,453	1,387	1,040
Germany, Fed. Rep. of	75	698	16	Japan	351	392	380
Ireland	575	548	400	Malaysia	24	21	...
Italy	9	10	...	Nigeria	97	90	166
United Kingdom	62	223	105	South Africa	116	64	60
Other countries . . . . .	...	3	...	Soviet Union	272	1,527	1,387
Total	1,269	1,759	521	Other countries	44	18	234
Latin America:				Total	2,407	3,547	3,312
Argentina	22	22	13	Grand total	5,688	7,815	6,306
Bolivia	54	65	66				
Brazil	1,039	1,423	1,870				
Chile	44	22	30				
Guatemala	27	53	8				
Mexico	397	446	197	IMPORTS			
Peru	197	244	...	Belgium and Luxembourg	34	9	9
Uruguay	19	30	18	Canada	51	6	127
Venezuela	50	100	38	Czechoslovakia	201	308	293
Other countries	82	40	140	France	218	182	163
Total	1,931	2,445	2,380	Germany, Fed. Rep. of	3,721	3,162	3,200
Bermuda and Caribbean:				Poland	218	...	54
Dominican Republic	34	15	39	United Kingdom . . . . .	...	216	...
Jamaica	22	30	34	Yugoslavia	1,214	810	800
Trinidad and Tobago	21	17	18	Other countries	6	23	107
Other countries	4	2	2	Total	5,663	4,716	4,753
Total	81	64	93				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 445.—Popcorn: Area, yield, production, season average price received by farmers, and value, United States, 1964–78¹

Year	Area planted	Area harvested	Yield per acre ²	Production ²	Price per 100 pounds of ear corn ²	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	171.1	165.3	2,128	351,685	2.73	9,618
1965	214.4	205.3	2,525	518,447	2.95	15,293
1966	218.1	207.1	2,418	500,793	2.95	14,772
1967	182.5	161.9	2,687	434,942	3.01	13,071
1968	197.6	185.3	2,517	496,348	2.79	13,002
1969	192.0	182.6	2,996	547,115	2.54	13,870
1970	147.3	136.5	2,447	339,974	2.52	8,405
1971	178.9	173.7	3,246	583,850	2.52	18,321
1972	174.1	157.0	3,339	524,111	3.07	16,109
1973	154.3	148.8	3,303	491,418	3.75	18,436
1974	198.5	188.7	2,731	515,400	6.80	35,040
1975	232.2	224.2	2,420	542,668	9.25	50,198
1976	214.9	207.8	2,925	607,832	8.84	53,752
1977	160.8	154.8	2,788	431,610	8.78	37,880
1978	144.9	141.1	2,828	399,010	8.44	33,668

¹ In principal commercial producing States.² Shelled corn basis; prior to 1973, ear corn basis.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 446.—Popcorn: Area, yield, and production, by States, 1976–78¹

States	Area planted			Area harvested			Yield per harvested acre ²			Production ²		
	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ill	11.6	9.5	11.9	11.3	9.1	11.6	2,790	2,590	2,030	31,530	23,570	23,550
Ind	46.0	44.0	45.0	45.0	43.0	44.0	3,050	2,750	3,000	137,250	118,250	132,000
Iowa	29.0	16.0	12.0	28.0	15.0	11.5	2,040	2,150	2,450	57,120	32,250	28,180
Kans	13.6	10.3	5.9	13.5	10.1	5.8	2,750	2,590	2,270	37,125	26,160	13,170
Ky	20.5	13.2	9.7	19.9	12.8	9.4	2,730	2,230	1,370	54,327	28,540	12,880
Mich	5.5	2.0	2.2	4.6	1.9	2.1	2,900	3,750	3,450	13,340	7,125	7,250
Mo	10.0	4.8	3.1	9.6	4.6	3.0	2,850	1,700	2,600	27,360	7,820	7,800
Nebr	53.0	44.0	39.0	51.0	42.0	38.0	3,250	3,250	3,400	165,750	136,500	129,200
Ohio	19.4	13.2	13.0	18.8	12.7	12.6	3,550	3,350	3,050	66,740	42,550	38,430
Other States ³ . .	6.3	3.8	3.1	6.1	3.6	3.1	2,834	2,457	2,113	17,290	8,845	6,550
U.S	214.9	160.8	144.9	207.8	154.8	141.1	2,925	2,788	2,828	607,832	431,610	399,010

¹In principal commercial producing States.²Shelled corn basis.³Includes Alabama, Colorado, and Tennessee.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 447.—Popcorn: Production and value, by States, crop of 1978

State	Production	Season average price per cwt. shelled corn	Value of production ¹	State	Production	Season average price per cwt. shelled corn	Value of production ¹
	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Ill	23,550	8.10	1,908	Mo	7,800	8.20	640
Ind	132,000	9.90	13,068	Nebr	129,200	7.70	9,948
Iowa	28,180	7.40	2,085	Ohio	38,430	7.55	2,901
Kans	13,170	7.75	1,021	Other States ²	6,550	7.69	504
Ky	12,880	7.75	998				
Mich	7,250	8.20	595	U.S	399,010	8.44	33,668

¹Practically all production sold from farm.²Alabama, Colorado, and Tennessee.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

CHAPTER VII

STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

Table 448.—All cattle and calves: Number and value, Jan. 1, United States, 1964–79

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	107,903	127.00	13,687,672	1972	117,862	208.00	24,519,645
1965	109,000	113.00	12,359,756	1973	121,539	252.00	30,583,562
1966	108,862	133.00	14,422,853	1974	127,788	293.00	37,477,181
1967	108,783	149.00	16,211,800	1975	132,028	159.00	20,999,808
1968	109,371	148.00	16,240,574	1976	127,980	190.00	24,335,124
1969	110,015	158.00	17,389,737	1977	122,810	206.00	25,251,635
1970	112,369	179.00	20,160,430	1978	116,375	232.00	27,055,060
1971	114,578	184.00	21,112,904	1979 ¹	110,864	403.00	44,661,338

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 449.—All cattle and calves: Number, by classes, United States, Jan. 1, 1965–79

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Under 500 pounds: steers, heifers, and bulls
				Heifers			Steers	Bulls	
		Beef cows	Milk cows	Beef cow replacements	Milk cow replacements	Other			
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965	109,000	33,400	15,380	5,700	4,780	5,980	14,050	2,180	27,530
1966	108,862	33,500	14,490	5,760	4,450	5,990	14,770	2,150	27,752
1967	108,783	33,770	13,725	5,900	4,215	6,100	14,780	2,155	28,138
1968	109,371	34,570	13,115	6,110	4,080	6,020	14,820	2,195	28,461
1969	110,015	35,490	12,550	6,150	3,990	5,930	14,905	2,220	28,780
1970	112,369	36,689	12,091	6,431	3,880	6,132	15,265	2,272	29,609
1971	114,578	37,878	11,909	6,664	3,843	6,113	15,610	2,328	30,235
1972	117,862	38,810	11,776	6,987	3,828	6,399	15,999	2,377	31,688
1973	121,539	40,932	11,622	7,434	3,872	6,432	16,553	2,467	32,229
1974	127,788	43,182	11,297	8,193	3,941	6,852	17,760	2,643	33,922
1975	132,028	45,712	11,220	8,884	4,087	6,518	16,333	2,985	36,291
1976	127,980	43,888	11,087	7,196	3,958	7,393	17,083	2,845	34,531
1977	122,810	41,389	11,035	6,529	3,888	8,057	16,885	2,665	32,363
1978	116,375	38,809	10,939	5,845	3,896	7,970	16,779	2,544	29,595
1979 ¹	110,864	36,989	10,853	5,519	3,936	7,431	16,321	2,401	27,413

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 450.—All cattle and calves: Number and value, by States, Jan. 1, 1977–79

State	Number			Value					
				Value per head			Total value		
	1977	1978	1979 ¹	1977	1978	1979 ¹	1977	1978	1979 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	2,360	2,130	1,820	150	160	300	354,000	340,800	546,000
Alaska	8.0	8.3	8.5	400	400	395	3,200	3,320	3,358
Ariz	1,065	1,135	1,200	215	240	385	228,975	272,400	462,000
Ark	2,500	2,120	2,000	160	185	345	400,000	392,200	690,000
Calif	4,750	4,430	4,700	245	285	510	1,163,750	1,262,550	2,397,000
Colo	3,030	3,180	3,090	210	235	415	636,300	747,300	1,282,350
Conn	110	108	101	365	385	565	40,150	41,580	57,065
Del	32	31	30	290	325	470	9,280	10,075	14,100
Fla	2,800	2,350	2,180	175	205	335	490,000	481,750	730,300
Ga	2,300	1,975	1,650	160	180	305	368,000	355,500	503,250
Hawaii	240	234	215	250	250	290	60,000	58,500	62,350
Idaho	1,900	1,870	1,900	215	240	425	408,500	448,800	807,500
Ill	3,200	2,950	2,850	210	235	385	672,000	693,250	1,097,250
Ind	2,125	2,025	1,750	220	245	395	467,500	496,125	691,250
Iowa	7,650	7,800	7,300	210	235	405	1,606,500	1,833,000	2,956,500
Kans	6,400	6,000	6,200	190	220	365	1,216,000	1,320,000	2,263,000
Ky	3,300	3,120	2,600	195	210	370	643,500	655,200	962,000
La	1,700	1,425	1,350	170	185	325	289,000	263,625	438,750
Maine	133	132	124	310	325	495	41,230	42,900	61,380
Md	420	390	370	280	310	455	117,600	120,900	168,350
Mass	104	99	95	380	415	560	39,520	41,085	53,200
Mich	1,570	1,470	1,250	290	325	500	455,300	477,750	625,000
Minn	4,000	3,700	3,650	235	280	465	940,000	1,036,000	1,697,250
Miss	2,670	2,130	1,790	155	170	315	413,850	362,100	563,850
Mo	6,400	6,000	5,550	185	210	375	1,184,000	1,260,000	2,081,250
Mont	2,980	2,680	2,607	220	240	455	655,600	643,200	1,186,185
Nebr	6,450	6,500	6,450	205	240	410	1,322,250	1,560,000	2,644,500
Nev	600	570	560	200	220	400	120,000	125,400	224,000
N.H	72	74	68	355	355	480	25,560	26,270	32,640
N.J	114	114	108	375	370	535	42,750	42,180	57,780
N. Mex	1,500	1,550	1,500	175	195	345	262,500	302,250	517,500
N.Y	1,860	1,760	1,711	365	390	600	678,900	686,400	1,026,600
N.C	1,080	1,100	1,080	175	185	305	189,000	203,500	329,400
N. Dak	2,235	2,050	1,967	210	245	470	469,350	502,250	924,490
Ohio	2,250	2,025	1,850	240	270	445	540,000	546,750	823,250
Okla	5,650	5,900	5,300	170	200	355	960,500	1,180,000	1,881,500
Oreg	1,520	1,490	1,475	200	230	405	304,000	342,700	597,375
Pa	1,960	1,900	1,840	335	350	530	656,600	665,000	975,200
R.I	10	10.0	9.0	375	405	585	3,750	4,050	5,265
S.C	750	690	575	160	175	315	120,000	120,750	181,125
S. Dak	3,650	3,925	3,750	200	240	440	730,000	942,000	1,650,000
Tenn	3,000	2,700	2,350	170	185	340	510,000	499,500	799,000
Tex	15,800	14,500	13,900	170	185	345	2,686,000	2,682,500	4,795,500
Utah	880	864	810	210	230	405	184,800	198,720	328,050
Vt	338	336	320	390	405	600	131,820	136,080	192,000
Va	1,620	1,620	1,550	195	200	355	315,900	324,000	550,250
Wash	1,350	1,275	1,375	230	260	445	310,500	331,500	611,875
W. Va	549	550	535	175	185	330	96,075	101,750	176,550
Wis	4,275	4,100	4,100	315	380	580	1,346,625	1,558,000	2,378,000
Wyo	1,550	1,280	1,300	220	245	430	341,000	313,600	559,000
U.S	122,810	116,375	110,864	206	232	403	25,251,635	27,055,060	44,661,338

¹Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 451.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1978 and 1979

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1978	1979 ¹	1978	1979 ¹	1978	1979 ¹	1978	1979 ¹	1978	1979 ¹
	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-
	sands	sands	sands	sands	sands	sands	sands	sands	sands	sands
Ala.	1,015	901	85	84	138	118	17	15	49	42
Alaska	2.5	2.2	1.4	1.3	.6	.8	.5	.5	.1	.1
Ariz.	297	287	68	70	40	60	10	15	42	17
Ark.	1,080	1,040	90	90	187	176	21	26	53	42
Calif.	966	930	846	860	190	234	310	391	159	170
Colo.	857	843	72	72	127	133	25	28	579	578
Conn.	9	9	51	49	2	1	18	18	3	2
Del.	5	3	12	12	1	1	3	3	1	2
Fla.	1,213	1,149	197	189	181	146	37	38	59	41
Ga.	839	731	129	129	128	104	44	33	85	64
Hawaii	80	78	13	13	17	17	8	8	19	15
Idaho	562	584	138	141	95	118	66	87	155	123
Ill.	740	747	233	236	127	100	89	100	395	388
Ind.	572	482	208	202	101	70	83	84	205	185
Iowa	1,800	1,684	380	374	187	163	164	126	1,170	1,110
Kans.	1,660	1,754	140	136	180	223	42	37	840	651
Ky.	1,253	1,070	277	265	180	156	97	81	125	88
La.	727	703	129	127	106	108	29	33	24	30
Maine	10	9	58	56	4	4	23	21	2	1
Md.	57	59	136	134	18	14	47	41	12	12
Mass.	8	9	51	46	2	3	16	15	1	1
Mich.	196	138	404	402	29	19	184	149	56	55
Minn.	550	530	850	850	93	93	329	333	302	260
Miss.	1,100	950	110	103	184	125	28	26	30	21
Mo.	2,418	2,284	282	276	360	297	96	100	270	252
Mont.	1,409	1,453	27	27	217	257	8	8	94	91
Nebr.	2,032	1,977	128	123	260	277	26	32	824	909
Nev.	285	280	15	15	44	46	7	8	15	15
N.H.	6	4	31	30	2	1	13	12	2	1
N.J.	14	15	47	43	6	5	13	14	3	3
N. Mex.	620	602	31	33	87	75	12	8	105	78
N.Y.	85	75	915	904	30	17	341	339	33	41
N.C.	415	402	146	143	83	90	38	38	36	33
N. Dak.	976	961	104	97	127	121	23	22	72	70
Ohio	455	388	398	382	79	78	158	163	108	70
Okla.	2,186	2,138	114	112	288	245	30	20	300	265
Oreg.	622	597	93	93	95	109	30	31	70	89
Pa.	199	171	703	703	48	42	237	230	67	59
R.I.	1	1	5	5	0	0	2	1	0	0
S.C.	306	254	56	51	53	46	14	13	13	12
S. Dak.	1,468	1,391	170	169	204	186	47	39	220	210
Tenn.	1,155	1,050	205	210	199	165	59	66	81	54
Tex.	6,236	5,890	314	310	900	840	90	90	920	960
Utah	321	312	76	77	44	43	41	37	40	33
Vt.	12	10	195	189	3	2	61	60	3	2
Va.	579	588	171	172	110	85	84	77	49	48
Wash.	364	380	176	190	64	76	64	90	82	81
W. Va.	243	233	37	37	59	58	12	13	13	12
Wis.	220	228	1,810	1,810	45	62	696	713	115	82
Wyo.	583	613	12	11	120	109	3	3	69	52
U.S.	38,809	36,989	10,939	10,853	5,845	5,519	3,896	3,936	7,970	7,431

See footnotes at end of table

Table 451.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1978 and 1979—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Steers, heifers, and bulls under 500 pounds	
	1978	1979 ¹	1978	1979 ¹	1978	1979 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala	151	102	68	58	607	500
Alaska . . . . .	.5	.4	.9	1.2	1.8	2
Ariz	380	504	27	25	271	222
Ark	88	80	70	66	531	480
Calif	997	1,085	66	69	896	961
Colo	766	735	51	46	703	655
Conn	3	2	2	2	20	18
Del	3	3	1	1	5	5
Fla	134	100	82	76	447	441
Ga	140	99	55	43	555	447
Hawaii	31	25	7	7	59	52
Idaho	320	275	40	37	494	535
Ill	640	547	47	48	679	684
Ind	369	282	34	37	453	408
Iowa	1,778	1,828	92	89	2,229	1,926
Kans	1,676	1,737	82	99	1,380	1,563
Ky	307	213	81	73	800	654
La	44	52	47	43	319	254
Maine	4	4	2	2	29	27
Md	37	33	9	8	74	69
Mass	2	2	2	2	17	17
Mich	244	187	28	19	329	281
Minn	629	637	48	44	899	903
Miss	63	50	67	59	548	456
Mo	643	633	126	123	1,805	1,585
Mont	145	135	86	86	694	550
Nebr	1,417	1,452	110	103	1,703	1,577
Nev	33	35	16	15	155	146
N.H	3	3	1	1	16	16
N.J	6	6	3	3	22	19
N. Mex	172	184	43	40	480	480
N.Y	39	22	28	22	289	291
N.C	63	65	34	33	285	276
N. Dak	123	142	51	49	574	494
Ohio	334	296	47	35	446	438
Okla	1,100	800	134	120	1,748	1,600
Oreg	145	171	40	35	395	350
Pa	247	230	38	41	361	364
R.I	0	0	0	0	2	2
S.C	40	35	22	20	186	144
S. Dak	471	428	75	71	1,270	1,256
Tenn	172	132	59	57	770	616
Tex	1,840	2,050	440	410	3,760	3,350
Utah	79	79	18	18	245	211
Vt	3	2	5	4	54	51
Va	170	155	36	35	421	390
Wash	268	240	23	28	234	290
W. Va	46	45	18	19	122	118
Wis	308	291	41	41	865	873
Wyo	105	108	41	38	347	366
U.S	16,779	16,321	2,544	2,401	29,595	27,413

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 452.—Cattle and buffalo: Number in specified countries, 1977–79¹

Continent and country	1977	1978	1979 ²	Continent and country	1977	1978	1979 ²
North America:	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	Europe—Con.	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
Canada	13,710	12,870	12,250	Bulgaria	1,790	1,735	1,762
Costa Rica	1,920	2,002	2,071	Czechoslovakia	4,654	4,758	4,887
Dominican Republic	2,000	2,050	2,150	German Dem. Rep.	5,470	5,549	5,572
El Salvador	1,162	1,236	1,294	Hungary	1,887	1,949	1,963
Guatemala	2,270	2,417	2,580	Poland	12,000	12,359	12,830
Honduras	1,770	1,700	1,820	Romania	6,349	6,301	6,510
Mexico	29,300	29,700	29,300	Yugoslavia	5,641	5,542	5,522
Nicaragua	2,686	2,774	2,846	Total Eastern Europe	37,791	38,193	39,046
Panama	1,374	1,367	1,385	Total Europe	130,633	131,181	132,840
United States ³	122,810	116,375	110,864	Soviet Union	110,300	112,700	114,400
Total	179,002	172,491	166,560	Africa:			
South America:				South Africa	13,060	13,135	13,271
Argentina	61,291	60,485	58,196	Total	13,060	13,135	13,271
Brazil	91,000	89,000	90,000	Asia:			
Chile	3,407	3,492	3,550	China, Taiwan	249	250	250
Colombia	24,335	25,294	26,280	India	241,490	242,690	242,500
Ecuador	2,875	2,951	3,024	Iran	7,400	7,500	7,500
Peru	4,300	4,350	4,350	Israel	333	324	320
Uruguay	9,843	9,424	9,613	Japan	3,875	4,009	4,050
Venezuela	9,933	10,231	10,537	Korea, Rep. of	1,554	1,618	1,728
Total	206,984	205,227	205,550	Philippines	4,620	4,779	4,928
Europe:				Turkey	15,158	15,552	15,800
Belgium-Luxembourg ..	3,022	3,030	3,084	Total	274,679	276,722	277,076
Denmark	3,064	3,055	3,052	Oceania:			
France	23,334	23,360	23,855	Australia	31,533	29,379	27,136
Germany, Fed. Rep. of ..	14,496	14,763	14,890	New Zealand	9,472	9,129	9,000
Ireland	6,210	6,246	6,150	Total	41,005	38,508	36,136
Italy	8,813	8,568	8,770	Total selected			
Netherlands	4,528	4,673	4,750	countries	955,663	949,964	945,833
United Kingdom	13,667	13,520	13,430				
Total EC	77,134	77,215	77,981				
Austria	2,502	2,547	2,570				
Finland	1,661	1,657	1,644				
Greece	1,116	1,035	1,000				
Norway	944	964	969				
Portugal	1,100	1,115	1,120				
Spain	4,501	4,545	4,590				
Sweden	1,879	1,895	1,905				
Switzerland	2,005	2,015	2,015				
Total Western Europe ..	92,842	92,988	93,794				

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

² Preliminary.

³ 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

FOOTNOTES FOR TABLE 456

¹ Calves born during the year.

² Excludes interfarm sales.

³ Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter.

⁴ Beginning 1966, farm slaughter excludes animals custom slaughtered for farmers at commercial establishments.

⁵ Cattle and calves combined beginning 1967.

⁶ Preliminary.

⁷ Adjustments were made for cattle shipped in and changes in inventory.

⁸ Receipts from marketings and sale of farm slaughter.

⁹ "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

¹⁰ Discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 453.—Calf crop: Cows and heifers that have calved and calves born, by States, 1977 and 1978

State	Cows and heifers that have calved				Calves born	
	Jan. 1		July 1			
	1977	1978 ¹	1977	1978 ¹	1977	1978 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala	1,180	1,100	1,236	1,010	1,020	950
Alaska	3.9	3.9	.....	.....	3.2	3.0
Ariz	387	365	365	387	285	285
Ark	1,300	1,170	1,285	1,110	1,110	1,070
Calif	1,800	1,812	1,711	1,690	1,600	1,570
Colo	960	929	940	840	865	780
Conn	60	60	.....	.....	51	49
Del	17	17	.....	.....	15	13
Fla	1,579	1,410	1,496	1,357	1,135	1,060
Ga	1,090	968	990	898	850	760
Hawaii	98	93	.....	.....	74	64
Idaho	750	700	750	735	720	710
Ill	1,034	973	1,042	994	910	900
Ind	810	780	820	711	720	655
Iowa	2,295	2,180	2,200	2,088	2,140	2,030
Kans	1,831	1,800	1,850	1,788	1,640	1,730
Ky	1,617	1,530	1,561	1,350	1,400	1,270
La	991	856	854	880	730	689
Maine	68	68	.....	.....	58	54
Md	209	193	.....	.....	180	180
Mass	62	59	.....	.....	52	47
Mich	644	600	606	570	570	510
Minn	1,520	1,400	1,505	1,380	1,390	1,280
Miss	1,440	1,210	1,345	1,179	1,150	1,010
Mo	2,925	2,700	2,920	2,640	2,600	2,450
Mont	1,576	1,436	1,606	1,535	1,530	1,443
Nebr	2,220	2,160	2,190	2,080	2,000	1,960
Nev	312	300	.....	.....	238	235
N.H	37	37	.....	.....	34	32
N.J	62	61	.....	.....	52	50
N. Mex	675	651	651	630	565	560
N.Y	1,025	1,000	1,000	981	930	910
N.C	545	561	.....	.....	500	491
N. Dak	1,173	1,080	1,235	1,127	1,130	1,050
Ohio	910	853	880	780	790	750
Okla	2,375	2,300	2,660	2,300	2,100	2,000
Oreg	700	715	750	720	650	630
Pa	902	902	885	869	775	770
R.I	6.0	6.0	.....	.....	5.0	5.0
S.C	390	362	.....	.....	306	260
S. Dak	1,550	1,638	1,672	1,669	1,670	1,590
Tenn	1,510	1,360	1,525	1,330	1,230	1,160
Tex	6,800	6,550	6,850	6,200	5,700	5,300
Utah	414	397	.....	.....	373	350
Vt	206	207	.....	.....	184	170
Va	720	750	775	815	660	668
Wash	536	540	587	557	460	491
W. Va	278	280	.....	.....	258	250
Wis	2,099	2,030	2,055	2,030	2,010	1,990
Wyo	732	595	730	655	670	605
34 States . . . . .	.....	.....	49,527	45,885	.....	.....
16 Other States ² . . . . .	.....	.....	2,644	2,592	.....	.....
U.S.	52,424	49,748	52,171	48,477	46,088	43,839

¹Preliminary.²Individual State estimates not available for July 1.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 454.—Cattle and calves: Number on feed, by States, by quarters, 1978 and 1979¹

State	1978				1979	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ariz	422	352	376	442	490	380
Calif	845	535	686	844	796	623
Colo	1,020	940	910	935	1,080	925
Idaho	249	242	228	219	224	245
Ill	650	610	460	400	510	480
Ind	315	265	205	190	280	270
Iowa	1,690	1,560	1,300	1,250	1,620	1,430
Kans	1,400	1,365	1,390	1,400	1,440	1,260
Mich	200	190	160	155	180	165
Minn	400	400	330	280	400	340
Mo	220	185	135	125	180	140
Mont	81	60	52	30	80	58
Nebr	1,700	1,700	1,450	1,640	1,800	1,590
N. Mex	206	191	157	193	202	186
N. Dak	33	28	38	27	34	22
Ohio	295	250	170	155	225	195
Okla	360	335	337	355	345	290
Oreg	98	76	70	68	75	67
Pa	98	82	55	58	86	72
S. Dak	365	260	265	250	340	315
Tex	1,850	1,810	1,870	2,030	2,000	1,740
Wash	184	183	174	201	188	179
Wis	130	122	106	100	106	102
23 States	12,811	11,741	10,924	11,347	12,681	11,074
Ala	40				33	
Ark	25				19	
Fla	72				65	
Ga	101				80	
Hawaii	14				11	
Ky	50				45	
La	14				13	
Md	21				20	
Miss	12				13	
Nev	18				17	
N.J	4				4	
N.Y	11				11	
N.C	40				40	
S.C	31				25	
Tenn	20				27	
Utah	62				55	
Va	50				43	
W. Va	10				10	
Wyo	60				60	
Other States	3				3	
U.S	13,469				13,275	

¹ Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. Data not available for all States in quarters where no figures are shown.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 455.—Cattle and calves: Number on feed, United States, Jan. 1, 1964–79¹

Year	Number	Year	Number	Year	Number	Year	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
1964	9,845	1968	11,417	1972	13,912	1976	12,941
1965	9,979	1969	12,534	1973	14,432	1977	12,580
1966	10,582	1970	13,190	1974	13,643	1978	13,469
1967	11,268	1971	12,770	1975	10,170	1979 ²	13,275

¹ Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. For 1964–71, data shown are for 39 States—the 23 shown in table 454 plus Maryland, New York, Nevada, Utah, Wyoming, and 11 southeastern States. From 1972 to date, data are for United States.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 456.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1964–78

Year	Calf crop ¹	Death loss		Marketings ²		Cattle shipped in for feeding and breeding ³	Farm slaughter ⁴	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1964 . . .	43,809	1,595	2,637	40,280	12,552	15,595	864	378
1965 . . .	43,928	1,641	2,607	43,482	12,603	17,464	823	368
1966 . . .	43,537	1,625	2,424	45,038	12,488	18,624	449	216
1967 . . .	43,803	1,533	2,512	44,781	12,365	18,597	⁵ 622	
1968 . . .	44,315	1,527	2,485	45,860	12,742	19,509	568	
1969 . . .	45,177	1,532	2,591	45,559	12,598	19,942	486	
1970 . . .	45,871	1,583	2,714	46,926	12,036	20,059	462	
1971 . . .	46,738	1,634	2,808	49,143	12,086	22,673	456	
1972 . . .	47,682	1,780	3,346	51,043	12,164	24,831	503	
1973 . . .	49,194	2,099	4,388	48,369	11,652	24,133	570	
1974 . . .	50,873	2,006	4,104	48,383	9,514	18,103	729	
1975 . . .	50,183	2,396	4,596	54,331	12,253	20,095	750	
1976 . . .	47,440	1,821	3,369	55,410	12,525	21,238	722	
1977 . . .	46,088	2,000	4,000	56,342	12,722	23,241	700	
1978 ⁶ . .	43,839	1,900	3,780	54,437	11,965	23,281	550	

Year	Quantity produced (live weight) ⁷	Value of production ⁷	Cash receipts from sales of cattle, calves, beef, and veal ⁸	Value of cattle and calves slaughtered for home consumption	Gross income ⁹	Cost of cattle shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Cattle	Calves
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964 . . .	34,836,138	6,286,449	7,784,946	153,937	7,938,883	1,935,512	18.00	20.40
1965 . . .	34,002,808	6,751,957	8,941,775	161,277	9,103,052	2,392,942	19.90	22.00
1966 . . .	34,949,625	7,858,674	10,429,677	185,727	10,615,404	2,948,732	22.20	26.00
1967 . . .	36,122,064	8,128,910	10,549,863	175,841	10,725,704	2,882,564	22.30	26.30
1968 . . .	36,530,247	8,622,297	11,263,932	183,393	11,447,325	3,125,355	23.40	27.60
1969 . . .	37,146,953	9,871,130	12,573,321	207,307	12,780,628	3,624,109	26.20	31.60
1970 . . .	39,421,123	10,915,510	13,691,776	242,920	13,934,696	(¹⁰)	27.10	34.50
1971 . . .	39,434,379	11,631,478	14,985,864	260,669	15,246,533	.....	29.00	36.40
1972 . . .	41,225,193	14,166,979	18,236,654	342,466	18,579,140	.....	33.50	44.70
1973 . . .	41,231,445	18,138,977	22,336,212	477,818	22,814,030	.....	42.80	56.60
1974 . . .	42,760,575	14,905,532	17,843,774	505,841	18,349,615	.....	42.80	56.60
1975 . . .	40,878,134	12,800,056	17,524,133	458,255	17,982,388	.....	32.30	35.20
1976 . . .	41,368,299	13,818,232	19,301,613	501,633	19,803,246	.....	32.30	35.20
1977 . . .	40,829,023	14,010,710	20,221,533	482,314	20,703,847	.....	34.50	36.90
1978 ⁶ . .	39,812,094	19,481,949	28,109,480	543,387	28,652,867	.....	48.50	59.10

See footnotes on page 304.

Table 457.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1964–78

Year	Steers ¹			Heifers ¹			Cows ²	
	Prime	Choice	Good	Prime	Choice	Good	Commercial	Utility
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	23.36	22.41	20.29	22.79	21.88	19.72	13.73	13.24
1965	26.01	24.99	22.60	25.13	24.12	21.74	15.07	14.44
1966	26.66	25.71	24.00	25.76	24.83	22.85	18.44	17.83
1967	26.10	25.29	23.74	25.40	24.62	22.80	17.22	17.22
1968	27.73	26.87	24.79	26.89	25.96	23.89	17.65	17.94
1969	30.62	29.45	27.14	29.56	28.53	26.13	19.99	20.29
1970	30.22	29.36	27.04	29.42	28.51	26.42	20.94	21.32
1971	33.38	32.39	29.38	32.54	31.46	28.52	21.21	21.62
1972	36.67	35.78	33.43	35.60	34.72	32.24	24.86	25.21
1973	45.61	44.54	42.01	44.25	43.11	40.43	32.90	32.82
1974	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.56
1975 . . . . .	.....	44.61	39.45	.....	43.12	37.60	21.63	21.09
1976 . . . . .	.....	39.11	35.87	.....	37.98	34.10	26.08	25.31
1977 . . . . .	.....	40.38	36.70	.....	38.96	35.20	26.11	25.32
1978 . . . . .	.....	52.34	47.98	.....	50.30	46.11	37.80	36.78

See footnotes on page 311.

Table 458.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1978 (preliminary)

State	Marketings ¹		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves ²	Quantity produced (live weight) ³	Value of production	Cash receipts from sales of cattle, calves, beef, and veal ⁴	Value of cattle and calves slaughtered for home consumption	Gross income ⁵
	Cattle	Calves							
Ala.	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alaska	903	270	10	7.0	756,295	335,134	409,398	11,145	420,543
Ariz.	5	2	.....	7	1,554	819	435	206	641
Ark.	1,062	96	1,003	7	629,325	322,611	579,379	1,438	580,817
Calif.	694	371	11.0	11.0	689,125	347,363	374,427	11,654	386,081
Colo.	2,569	292	1,871	45.0	1,622,435	793,460	1,338,058	29,569	1,367,627
Conn.	3,264	43	2,593	6.0	1,839,120	937,909	1,771,468	6,067	1,777,535
Del.	21	30	4	2.0	10,259	3,102	12,693	1,472	14,165
Fla.	6	4	.....	1.0	7,240	2,958	3,102	695	3,653
Ga.	478	711	76	10.0	564,160	288,150	357,851	8,374	366,225
Hawaii	514	484	12	8.0	381,560	177,757	268,865	5,837	264,704
Idaho	66	3	1	2.0	53,900	21,064	24,370	1,329	25,699
Ill.	698	161	291	12.0	646,490	335,811	407,087	9,589	416,686
Ind.	1,413	114	680	8.0	985,385	478,453	701,925	16,968	718,893
Iowa	935	62	186	12.0	640,785	292,743	424,325	16,718	441,043
Kans.	4,759	170	2,700	11.0	2,889,280	1,465,908	2,559,186	26,083	2,585,269
Kent.	4,392	61	3,150	6.0	2,668,480	1,397,034	2,418,300	10,774	2,429,074
Ky.	1,199	490	75	16.0	863,380	410,555	576,277	19,498	595,775
La.	293	389	1	9.0	381,110	184,446	192,762	8,139	200,901
Maine	29	32	9	2.0	21,970	9,813	13,505	2,245	15,750
Md.	90	99	9	3.0	98,625	44,310	50,312	2,465	52,777
Mass.	20	26	5	2.0	18,380	8,072	10,293	1,441	11,734
Mich.	602	80	72	9.0	502,195	221,987	306,805	11,545	318,350
Minn.	1,590	151	662	22.0	1,278,425	560,417	745,689	23,708	769,397
Miss.	667	600	20	8.0	539,330	262,172	351,123	7,717	358,840
Mo.	2,006	631	40	23.0	1,966,450	958,240	1,080,328	30,118	1,110,446
Mont.	933	125	205	13.0	941,570	515,295	582,260	10,105	592,365
Nebr.	4,437	825	2,800	3.0	2,899,360	1,452,672	2,400,432	6,012	2,406,444
Nev.	154	102	40	5.0	165,375	84,487	97,782	3,317	101,099
N.H.	17	21	4	1.0	12,900	5,524	8,292	800	9,092
N.J.	26	26	5	1.0	29,360	12,065	13,937	1,541	15,478
N.Mex.	1,387	136	1,000	7.0	591,770	317,412	664,354	5,969	659,723
N.Y.	245	606	17	10.0	294,550	125,068	140,961	7,152	128,113
N.C.	241	205	5	10.0	271,070	116,431	116,798	6,736	123,534
N.Dak.	602	483	62	13.0	677,020	342,735	373,077	13,229	386,306
Ohio	746	186	150	11.0	582,700	284,041	385,551	17,833	403,384
Okl.	3,069	257	977	11.0	1,983,070	990,910	1,420,502	20,482	1,440,984
Oreg.	413	230	108	30.0	477,225	227,738	237,150	26,877	264,027

Pa.	462	306	95	32.0	464,365	213,619	240,599	26,369	266,968
R.I.	2.4	3.2	.3	.1	1,645	776	1,189	48	1,237
S.C.	192	195	39	7.0	162,625	78,709	117,933	4,836	122,769
S. Dak.	1,855	310	596	6.0	1,567,900	787,151	1,019,505	12,093	1,031,598
Tenn.	954	438	41	5.0	712,090	297,154	391,049	5,035	396,084
Tex.	7,734	500	2,900	16.0	5,187,690	2,487,868	3,516,168	14,224	3,530,392
Utah.	269	126	50	4.0	276,710	135,497	161,800	3,074	164,874
Vt.	78	97	9	2.0	71,010	29,868	37,065	1,551	38,616
Va.	391	251	12	13.0	429,210	189,469	198,155	8,998	208,153
Wash.	307	143	206	72.0	370,140	180,470	170,416	43,118	213,534
W. Va.	98	124	3	15.0	116,540	52,797	50,157	8,298	58,455
Wis.	754	997	100	21.0	979,675	416,029	415,218	25,971	441,189
Wyo.	800	103	390	4.0	480,025	270,575	390,301	5,525	395,826
U. S.	54,437	11,965	23,281	550.0	39,812,094	19,481,949	28,109,480	543,387	28,652,867

¹ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State.

² Excludes custom slaughter for farmers at commercial establishments.

³ Adjustment made for changes in inventory and for shipments.

⁴ Includes receipts from marketings and sales of farm-slaughtered meat.

⁵ Includes cash receipts from sales of cattle, calves, and beef and veal plus value of cattle and calves slaughtered for home consumption.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 459.—Cattle and calves: Receipts at selected public stockyards, 1964–78¹

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting ^{2,3}
Cattle											
1964	1,647	689	816	1,351	2,193	773	855	1,223	1,434	7,475	17,956
1965	1,524	799	282	1,175	2,083	736	807	1,190	1,390	7,729	17,715
1966	1,378	520	236	1,067	2,019	679	790	1,279	1,279	7,301	16,473
1967	1,285	208	210	945	1,849	621	789	1,238	1,214	8,214	16,573
1968	1,148	157	195	841	1,675	563	805	1,253	1,205	8,864	16,706
1969	1,080	109	170	717	1,419	492	781	1,125	982	8,435	15,310
1970	923	61	141	600	1,322	422	709	953	934	9,490	15,555
1971	420	35	121	515	1,240	399	427	899	758	8,670	13,484
1972		16	122	437	1,165	360	373	916	748	9,141	13,278
1973		(⁵)	130	396	1,086	308	337	855	814	8,792	12,718
1974			130	434	1,230	355	347	980	943	8,580	12,999
1975			190	522	1,227	418	399	1,178	1,029	10,304	15,267
1976			123	384	1,089	424	323	1,112	946	9,538	13,939
1977			139	352	1,092	390	296	846	765	9,687	13,567
1978			108	313	829	358	252	754	707	8,271	11,592
Calves											
1964	5	72	106	161	100	69	19	333	166	1,577	2,608
1965	4	57	105	109	87	61	17	351	165	1,533	2,489
1966	3	40	112	83	76	41	18	305	163	1,294	2,135
1967	2	38	122	77	80	33	24	313	156	1,115	1,960
1968	1	47	121	78	56	31	22	256	123	858	1,593
1969		32	122	60	40	33	23	199	78	873	1,460
1970		8	110	52	34	33	26	140	39	747	1,189
1971		4	102	49	23	22	30	125	47	664	1,066
1972		3	96	61	12	15	30	126	27	571	941
1973		(⁵)	84	48	14	10	22	107	....	539	824
1974			82	39	32	16	21	105	....	342	637
1975			90	53	27	19	11	136	....	414	750
1976			81	32	24	13	8	156	....	419	733
1977			73	27	(⁶)	11	5	113	....	402	631
1978			54	45	....	9	5	85	....	126	324

¹Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. ²Rounded totals of the complete figures. ³The number of stockyards varies from 23 to 46. ⁴Market closed Aug. 1, 1971. ⁵Data no longer reported. ⁶Cattle and calves combined in 1977.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 460.—Cattle and calves: Number slaughtered, United States, 1964–78

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total ¹			Federally inspected	Other	Total ¹		
1964	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1965	25,133	5,685	30,818	864	31,682	4,820	2,434	7,254	378	7,632
1966	26,614	5,733	32,347	828	33,175	5,076	2,344	7,420	368	7,788
1967	27,319	6,408	33,727	449	34,176	4,432	2,215	6,647	216	6,863
1968	27,780	6,089	33,869	430	34,299	4,002	1,917	5,919	192	6,111
1969	29,592	5,434	35,026	394	35,420	3,876	1,567	5,443	174	5,617
1970	30,537	4,700	35,237	338	35,575	3,637	1,226	4,863	148	5,011
1971	30,793	4,232	35,025	331	35,356	3,024	1,048	4,072	131	4,203
1972	31,419	4,166	35,585	320	35,905	2,806	883	3,689	136	3,825
1973	32,267	3,512	35,779	355	36,134	2,421	632	3,053	148	3,201
1974	30,521	3,166	33,687	415	34,102	1,808	441	2,249	155	2,404
1975	33,319	3,493	36,812	541	37,353	2,355	632	2,987	188	3,175
1976	36,904	4,008	40,912	553	41,464	3,894	1,316	5,209	197	5,406
1977	38,992	3,663	42,654	545	43,199	4,438	912	5,350	177	5,527
1978	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692
1979	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,302

See footnotes on page 311.

Table 461.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughters (live weight), 1964–78

Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>
1964	25,133	1,041	19.71	4,820	204	19.87
1965	26,614	1,016	21.37	5,076	203	20.99
1966	27,319	1,031	23.34	4,432	201	25.51
1967	27,780	1,039	23.43	4,002	191	25.94
1968	29,592	1,030	24.63	3,876	195	27.40
1969	30,537	1,030	27.25	3,637	197	30.91
1970	30,793	1,049	27.79	3,024	199	33.06
1971	31,419	1,040	30.05	2,806	206	34.56
1972	32,267	1,048	33.50	2,421	210	41.67
1973	30,521	1,054	42.10	1,808	207	52.17
1974	33,319	1,052	39.37	2,355	211	37.88
1975	36,904	1,009	38.08	3,894	227	28.53
1976	38,992	1,030	36.33	4,438	223	34.43
1977	38,717	1,033	(1)	4,696	207	(1)
1978	36,948	1,043	.....	3,620	206	.....

¹Discontinued as of January 1977.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 462.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1964–1978

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1964	14,395	5,322	5,128	10,450	287	57.3	21.1	20.4	41.5	1.1
1965	13,486	6,646	6,066	12,712	415	50.7	25.0	22.8	47.8	1.5
1966	13,844	6,120	6,935	13,055	420	50.7	22.4	25.4	47.8	1.5
1967	14,681	5,540	7,174	12,714	385	52.8	20.0	25.8	45.8	1.4
1968	15,361	5,785	7,986	13,771	459	51.9	19.5	27.0	46.5	1.6
1969	15,754	5,998	8,286	15,284	499	51.6	19.6	27.1	46.7	1.6
1970	16,608	5,373	8,304	13,677	507	53.9	17.4	27.1	44.5	1.6
1971	17,003	5,627	8,229	13,856	560	54.1	17.9	26.2	44.1	1.8
1972	17,749	5,402	8,535	13,937	583	55.0	16.7	26.5	43.2	1.8
1973	16,604	5,659	7,645	13,304	613	54.4	18.5	25.1	43.6	2.0
1974	17,824	6,794	7,960	14,754	741	53.5	20.4	23.9	44.3	2.2
1975	16,071	10,420	9,419	19,839	994	43.6	28.2	25.5	53.7	2.7
1976	17,266	9,703	11,116	20,819	907	44.2	24.9	28.6	53.5	2.3
1977	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1
1978	17,308	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2.0

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 457

¹900 to 1,100 pound weight range; simple average of price range.²All weights; simple average of price range.

Agricultural Marketing Service.

FOOTNOTES FOR TABLE 460

¹Totals are based on unrounded numbers.²Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 463.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1978¹

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala	175.8	153,684	874	20.6	9,795	474
Ariz	279.5	280,576	1,004	6.4	969	150
Ark	184.9	162,167	877	1.7	735	434
Calif	2,291.6	2,401,245	1,048	257.2	50,236	195
Colo	2,702.0	2,859,063	1,058	2	62	333
Del. and Md	79.8	84,883	1,064	16.9	5,004	296
Fla	490.6	469,600	957	161.8	63,394	392
Ga	439.7	381,734	868	101.1	16,177	160
Hawaii	64.2	61,061	951			
Idaho	685.5	748,462	1,092	6	230	364
Ill	1,497.9	1,531,964	1,023	178.9	34,627	194
Ind	455.2	454,912	999	52.5	16,599	316
Iowa	3,957.1	4,189,376	1,059	241.7	38,515	159
Kans	2,928.9	3,106,407	1,061	1.2	366	317
Ky	348.1	322,246	926	9.0	2,214	247
La	150.2	133,924	892	231.8	95,646	413
Mich	626.6	716,127	1,143	100.6	18,530	184
Minn	1,324.1	1,429,920	1,080	8.7	1,538	177
Miss	304.4	260,770	857	34.4	19,257	561
Mo	1,004.6	1,040,888	1,036	13.9	3,692	266
Mont	158.0	158,822	1,005	5	165	314
Nebr	5,365.1	5,728,604	1,068	1	37	358
Nev	16.3	16,400	1,009	2	92	410
N.J	208.1	250,784	1,205	164.2	49,323	300
N. Mex	539.4	516,530	958	5	200	379
N.Y	322.1	363,266	1,128	895.2	120,989	135
N.C	150.6	135,034	897	5.5	1,490	273
N. Dak	116.9	123,791	1,059	4	169	429
Ohio	965.0	1,009,160	1,046	20.1	4,122	205
Okla	739.2	709,510	960	11.2	5,279	473
Oreg	161.3	173,012	1,073	10.0	3,878	388
Pa	884.3	990,940	1,121	352.3	50,674	144
S.C	121.3	107,024	882	63.9	30,036	470
S. Dak	733.9	777,779	1,060	2	51	268
Tenn	375.5	338,104	900	46.6	8,120	174
Tex	6,158.8	6,033,434	980	428.2	222,964	521
Utah	217.0	229,469	1,057	7	236	331
Va	138.5	136,237	983	80.3	27,798	346
Wash	710.7	784,527	1,104	34.5	4,963	144
W. Va	44.4	40,834	920	1.1	319	283
Wis	1,253.4	1,393,566	1,112	411.9	78,997	192
Wyo	19.8	20,316	1,025			
N. Eng. ²	161.5	160,110	991	203.4	24,593	121
U.S	39,552.1	40,986,260	1,036	4,170.2	1,012,084	243

¹Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.

²Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 464.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1964–78¹

Year	Steer beef		Heifer beef		Cow beef, all weights	
	Choice, 700-800 lb.	Good, 600-700 lb.	Choice, 500-600 lb.	Good, 500-600 lb.	Utility Breaking ²	Canner and Cutter
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	36.48	34.81	35.93	33.74	26.15	27.13
1965	40.48	38.12	39.01	37.08	27.90	28.62
1966	40.28	38.90	39.38	37.80	33.48	35.44
1967	41.01	39.26	40.16	38.36	32.82	35.94
1968	43.84	41.35	42.76	40.56	34.68	37.30
1969	47.75	44.92	46.62	44.09	38.71	41.58
1970	46.82	44.74	46.26	43.89	39.86	44.72
1971	52.39	48.60	51.72	47.97	41.01	45.63
1972	55.34	52.90	54.56	51.94	45.97	51.41
1973	67.41	64.58	66.44	63.17	58.98	65.78
1974	67.09	62.56	66.51	61.93	46.73	53.48
1975	73.64	67.88	71.62	65.87	43.20	43.09
1976	60.96	58.24	59.75	56.81	49.36	52.00
1977 ³	62.66	58.21	60.94	56.20	45.51	51.55
1978	80.80	76.06	78.58	73.00	65.37	74.61

¹ Chicago prices through 1975, with 1975 reflecting only a Jan.–Sept. average. Midwest prices start with 1976.² Utility grade prior to 1966.³ Midwest prices; Chicago now included in Midwest Report.

Agricultural Marketing Service.

Table 465.—Hogs and pigs: Number and value, United States, Dec. 1, 1967–78

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1967	58,818	28.30	1,662,793	1973	60,614	60.40	3,663,168
1968	60,829	30.50	1,857,226	1974	54,693	44.90	2,457,052
1969	57,046	39.00	2,224,643	1975	49,267	80.40	3,959,360
1970	67,285	23.50	1,583,712	1976	54,934	47.00	2,582,568
1971	62,412	28.50	1,779,619	1977	56,539	63.20	3,575,279
1972	59,017	42.00	2,477,260	1978 ¹	59,860	83.30	4,986,498

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 466.—Hogs and pigs: Number and value, by States, Dec. 1, 1976–78

State	Number			Value					
				Value per head			Total value		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	630	650	700	45.50	53.00	72.00	28,665	34,450	50,400
Alaska	80	1.00	1.10	129.50	117.00	134.00	104	117	147
Ariz	99	102	144	48.00	55.50	71.50	4,752	5,661	10,296
Ark	395	400	400	44.50	54.00	69.00	17,578	21,600	27,600
Calif	133	160	190	59.50	58.00	79.00	7,914	9,280	15,010
Colo	280	320	330	44.50	56.00	72.50	12,460	17,920	23,925
Conn	9.0	9.9	8.5	55.00	72.00	86.00	495	713	731
Del	50	60	50	46.00	58.00	81.50	2,300	3,480	4,075
Fla	320	320	360	46.50	57.00	76.00	14,880	18,240	27,360
Ga	1,600	1,720	1,800	51.00	55.00	74.00	81,600	94,600	133,200
Hawaii	60	62	54	90.00	85.50	84.00	5,400	5,301	4,536
Idaho	45	60	79	44.00	53.50	72.00	1,980	3,210	5,688
Ill	6,400	6,100	6,550	47.00	64.50	84.50	300,800	393,450	553,475
Ind	4,100	4,100	4,400	45.50	64.00	80.00	186,550	262,400	352,000
Iowa	14,200	14,500	15,100	48.50	68.50	89.50	688,700	993,250	1,351,450
Kans	1,850	2,000	1,960	43.50	60.00	79.50	80,475	120,000	155,820
Ky	1,080	1,140	1,150	44.00	56.50	75.00	47,520	64,410	86,250
La	150	160	140	50.50	50.00	69.50	7,575	8,000	9,730
Maine	7.1	7.2	9.0	51.50	66.00	86.50	366	475	779
Md	190	200	215	46.50	59.50	80.00	8,835	11,900	17,200
Mass	50	60	60	50.50	59.50	76.50	2,525	3,570	4,590
Mich	720	640	810	51.00	66.00	84.00	36,720	42,240	68,040
Minn	3,600	4,000	4,100	46.50	64.00	90.50	167,400	256,000	371,050
Miss	405	420	410	47.50	57.50	73.00	19,238	24,150	29,930
Mo	3,750	3,700	4,100	46.00	64.50	85.50	172,500	238,650	350,550
Mont	186	211	222	45.00	57.00	72.00	8,370	12,027	15,984
Nebr	3,100	3,150	3,650	47.50	67.00	88.50	147,250	211,050	323,025
Nev	8.0	9.0	8.0	48.00	55.00	75.00	384	495	600
N.H	8.5	9.5	8.4	50.50	60.00	80.50	429	570	676
N.J	75	76	67	55.50	64.00	82.50	4,163	4,864	5,528
N. Mex	73	60	50	46.00	52.00	66.50	3,358	3,120	3,325
N.Y	120	125	140	52.00	63.00	77.00	6,240	7,875	10,780
N.C	1,940	2,300	2,350	47.50	57.50	74.00	92,150	132,250	173,900
N. Dak	330	320	335	46.50	63.00	82.50	15,345	20,160	27,638
Ohio	1,900	1,750	1,900	46.50	59.00	78.00	88,350	103,250	148,200
Okla	330	330	315	42.00	56.00	70.00	13,860	18,480	22,050
Oreg	95	100	100	50.00	57.50	72.50	4,750	5,750	7,250
Pa	700	790	820	45.00	56.50	79.00	31,500	44,635	64,780
R.I	8.7	9.5	9.9	50.00	63.50	80.50	435	603	797
S.C	470	520	525	47.50	55.50	74.00	22,325	28,860	38,850
S. Dak	1,500	1,580	1,620	45.00	66.00	88.50	67,500	104,280	143,370
Tenn	1,010	1,180	1,300	44.00	56.50	71.50	44,440	66,670	92,950
Tex	850	890	800	43.50	49.50	72.50	36,975	44,055	58,000
Utah	51	42	49	43.50	52.50	69.00	2,219	2,205	3,381
Vt	6.0	7.0	6.3	55.00	75.50	86.00	330	529	542
Va	650	650	670	46.00	54.50	72.50	29,900	35,425	48,575
Wash	62	68	64	55.00	56.00	65.00	3,410	3,808	4,160
W. Va	55	60	50	47.50	54.50	77.50	2,613	3,270	3,875
Wis	1,250	1,378	1,650	46.00	62.50	80.00	57,500	86,125	132,000
Wyo	32	32	30	45.00	58.00	81.00	1,440	1,856	2,430
U.S	54,934	56,539	59,860	47.00	63.20	83.30	2,582,568	3,575,279	4,986,498

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 467.—Sows farrowing and pig crop: Number, United States, 1964–78

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.— May	June— Nov.	Dec.— May	June— Nov.	Total		Dec.— May	June— Nov.	Dec.— May	June— Nov.	Total
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
1964	6,596	5,525	47,682	39,862	87,544	1972	6,498	5,973	47,523	43,051	90,574
1965	5,890	5,006	42,526	36,415	78,941	1973	6,438	5,869	46,125	41,998	88,123
1966	6,208	5,810	45,471	42,133	87,604	1974	6,315	5,476	44,792	38,952	83,744
1967	6,559	5,901	48,117	43,551	91,668	1975	4,973	4,952	35,530	35,656	71,186
1968	6,659	6,130	49,077	45,079	94,156	1976	5,777	5,850	42,177	42,218	84,395
1969	6,323	5,745	46,521	42,155	88,676	1977	6,050	6,009	42,960	43,202	86,162
1970	7,107	6,876	52,126	49,588	101,714	1978 ¹	6,015	6,375	42,341	45,840	88,181
1971	7,237	6,339	51,918	46,006	97,924						

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 468.—Hogs and pigs: Number for breeding and market, United States, 1964–78

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups						Total
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over		
	June 1								
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	
1964	59,777	9,037	26,977	11,480	7,121	3,802	1,360	50,740	
1965	52,968	7,915	23,468	10,320	6,695	3,437	1,133	45,053	
1966	56,197	8,752	25,328	10,822	6,718	3,385	1,132	47,445	
1967	59,366	8,988	26,025	11,891	7,371	3,802	1,289	50,378	
1968	60,531	9,252	26,012	11,885	7,779	4,167	1,436	51,279	
1969	58,727	9,205	24,021	12,009	7,769	4,346	1,377	49,522	
1970	64,639	10,630	27,294	12,865	8,050	4,376	1,424	54,009	
1971	65,718	9,748	26,489	13,828	8,765	5,257	1,631	55,970	
1972	60,626	9,147	24,616	12,663	8,018	4,757	1,425	51,479	
1973	59,571	8,988	24,332	12,044	8,136	4,782	1,289	50,583	
1974	58,878	8,823	23,654	12,059	7,737	4,920	1,685	50,005	
1975	47,860	7,358	18,396	9,914	6,851	4,271	1,070	40,502	
1976	53,930	8,388	21,798	11,160	7,205	4,365	1,014	45,542	
1977 ¹	54,460	8,688	21,558	10,892	7,679	5,643		45,772	
1978 ²	55,110	8,844	20,884	11,280	7,992	6,110		46,266	
	Dec. 1								
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	
1964	56,106	8,166	16,483	12,967	10,152	6,167	2,171	47,940	
1965	50,519	8,224	15,344	11,470	8,690	5,157	1,634	42,295	
1966	57,125	8,862	17,317	12,827	9,955	6,094	2,070	48,263	
1967	58,818	9,186	18,019	13,413	9,857	6,238	2,105	49,632	
1968	60,829	9,472	18,492	13,926	10,563	6,300	2,076	51,357	
1969	57,046	9,189	17,522	13,004	9,666	5,775	1,890	47,857	
1970	67,285	9,645	21,288	15,612	11,424	6,925	2,391	57,640	
1971	62,412	8,475	19,912	14,359	10,835	6,626	2,205	53,937	
1972	59,017	8,650	19,303	13,395	10,187	5,783	1,699	50,367	
1973	60,614	8,605	20,142	13,715	10,223	6,103	1,826	52,009	
1974	54,693	7,389	17,732	12,495	9,685	5,740	1,652	47,304	
1975	49,267	7,574	16,255	11,047	8,049	4,837	1,505	41,693	
1976	54,934	8,011	18,714	12,307	8,932	5,292	1,678	46,923	
1977 ¹	56,539	8,604	19,424	12,399	9,110		7,002	47,935	
1978 ²	59,860	9,558	21,081	12,965	9,326		6,930	50,303	

¹ Beginning 1977 the 180–219 pounds and 220 pounds and over weight groups are combined into the 180 pounds and over group.² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 469.—Hogs: Number in specified countries, 1977–79¹

Continent and country	1977	1978	1979 ²	Continent and country	1977	1978	1979 ²
	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>		<i>sands</i>	<i>sands</i>	<i>sands</i>
North America:				Europe—Con.			
Canada	6,154	6,648	7,300	Bulgaria	3,453	3,400	3,772
Costa Rica	215	215	226	Czechoslovakia	6,820	7,510	7,601
Dominican Republic	753	810	800	German Dem. Rep. ...	11,291	11,757	11,734
El Salvador	430	435	440	Hungary	7,854	7,850	8,013
Guatemala	840	845	849	Poland	16,764	20,591	21,500
Honduras	525	530	530	Romania	10,192	9,732	10,336
Mexico	12,300	12,500	13,000	Yugoslavia	7,326	8,452	9,137
Nicaragua	690	710	725	Total Eastern Europe	63,700	69,292	72,093
Panama	202	221	226	Total Europe	156,591	166,022	172,990
United States ³	54,934	56,539	59,860	Soviet Union	63,100	70,500	74,700
Total	77,043	79,453	83,956	Africa:			
South America:				South Africa	1,388	1,430	1,450
Argentina	4,200	4,200	4,200	Total	1,388	1,430	1,450
Brazil	36,800	37,600	36,000	Asia:			
Chile	840	957	1,050	China, Taiwan	3,321	3,330	3,330
Colombia	1,876	1,915	1,970	India	8,932	9,410	9,900
Ecuador	2,957	3,195	3,447	Iran	50	55	55
Peru	1,960	1,900	1,920	Japan	8,132	8,780	9,750
Uruguay	346	445	400	Korea, Rep. of	1,953	1,482	2,083
Venezuela	1,955	2,057	2,168	Philippines	5,696	6,910	7,300
Total	50,934	52,269	51,155	Turkey	15	14	15
Europe:				Total	28,099	29,981	32,433
Belgium-Luxembourg ..	4,902	5,023	5,125	Oceania:			
Denmark	7,897	8,234	9,200	Australia	2,229	2,219	2,235
France	11,509	11,540	11,500	New Zealand	536	539	530
Germany, Fed. Rep. of .	20,589	21,386	22,671	Total	2,765	2,758	2,765
Ireland	988	998	1,138	Total selected countries	379,920	402,413	419,449
Italy	9,097	9,420	9,100				
Netherlands	7,314	8,350	9,300				
United Kingdom	8,151	8,100	7,710				
Total EC	70,447	73,051	75,744				
Austria	3,878	3,694	3,800				
Finland	1,146	1,079	1,179				
Greece	830	936	1,000				
Norway	673	657	674				
Portugal	2,200	3,300	4,100				
Spain	9,009	9,230	9,535				
Sweden	2,643	2,680	2,720				
Switzerland	2,065	2,103	2,145				
Total Western Europe	92,891	96,730	100,897				

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

² Preliminary.

³ 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 470.—Sows farrowing and pig crop: Number, by States, 1977 and 1978

State	Sows farrowing				Pig crop					
	1977		1978		1977			1978		
	Dec.— May	June— Nov.	Dec.— May	June— Nov. ¹	Dec.— May	June— Nov.	Total	Dec.— May	June— Nov. ¹	Total ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.	80	74	83	87	536	540	1,076	556	609	1,165
Alaska . . .	.14	.10	.16	.16	1.00	.70	1.70	1.10	1.20	2.30
Ariz.	12	11	12	16	94	87	181	96	120	216
Ark.	44	54	44	54	308	383	691	308	383	691
Calif.	15	16	19	20	105	125	230	124	160	284
Colo.	31	33	37	38	223	241	464	263	266	529
Conn.	1.1	1	1.2	.9	7.3	7	14.3	8.4	6.1	14.5
Del.	6.6	7.5	5.0	6.0	47	55	102	35	41	76
Fla.	30	33	37	36	201	215	416	241	245	486
Ga.	165	162	167	172	1,137	1,138	2,275	1,128	1,200	2,328
Hawaii . . .	5.8	5.5	5.5	5.3	39	37	76	37	34	71
Idaho.	6.0	5.0	7.0	6.5	43	37	80	56	49	105
Ill.	675	690	705	715	4,618	4,812	9,430	4,815	5,005	9,820
Ind.	400	405	410	440	2,711	2,876	5,587	2,831	3,126	5,957
Iowa.	1,530	1,430	1,440	1,480	11,043	10,296	21,339	10,218	10,654	20,872
Kans.	222	207	205	213	1,655	1,485	3,140	1,417	1,513	2,930
Ky.	127	133	126	138	818	946	1,764	784	994	1,778
La.	15	15	13	14	110	105	215	88	94	182
Maine . . .	.8	.9	.7	1.2	5.4	5.8	11.2	4.6	7.2	11.8
Md.	19	21	20	22	133	151	284	142	161	303
Mass.	5.0	6.5	5.0	6.0	35	43	78	36	41	77
Mich.	76	72	78	84	540	482	1,022	546	622	1,168
Minn.	420	465	440	460	3,105	3,393	6,498	3,258	3,391	6,649
Miss.	43	40	36	39	280	280	560	248	281	529
Mo.	457	455	430	505	3,243	3,288	6,531	3,067	3,635	6,702
Mont.	19	19	23	21	143	144	287	173	158	331
Nebr.	340	340	355	395	2,514	2,456	4,970	2,564	2,865	5,429
Nev.	1.1	1.0	.9	.9	7.7	7.5	15.2	6.7	6.3	13.0
N.H. ....	.8	1.1	.8	1.0	4.9	7.9	12.8	5.1	7.3	12.4
N.J.	4.8	3.8	3.4	4.0	28	21	49	20	25	45
N. Mex.	7.0	6.0	6.0	5.0	48	44	92	47	40	87
N.Y.	13	14	13	15	94	107	201	100	117	217
N.C.	218	223	230	237	1,542	1,633	3,175	1,633	1,707	3,340
N. Dak.	34	28	34	32	248	207	455	255	230	485
Ohio.	188	188	178	204	1,275	1,396	2,671	1,213	1,485	2,698
Okla.	35	36	30	34	242	252	494	204	235	439
Oreg.	11	12	10	12	79	90	169	72	92	164
Pa.	68	66	62	72	524	488	1,012	453	526	979
R.I. ....	.7	1.0	.9	.9	3.9	6.5	10.4	5.5	6.0	11.5
S.C.	52	51	52	52	348	352	700	338	370	708
S. Dak.	190	183	194	190	1,409	1,335	2,744	1,395	1,356	2,751
Tenn.	138	137	143	160	966	973	1,939	987	1,152	2,139
Tex.	98	92	92	90	646	661	1,307	615	641	1,256
Utah.	6.0	4.5	5	5.0	46	31	77	34	36	70
Vt. ....	.7	.8	.6	.7	5	5.7	10.7	4.4	5.0	9.4
Va.	55	50	58	55	374	355	729	400	385	785
Wash.	7.4	7.5	6	6.4	57	56	113	47	48	95
W. Va.	6	6.5	5.7	5.5	43	49	92	40	39	79
Wis.	167	192	183	215	1,256	1,474	2,730	1,404	1,650	3,054
Wyo.	2.7	3.2	2.3	2.8	19	22	41	17	20	37
U.S.	6,050	6,009	6,015	6,375	42,960	43,202	86,162	42,341	45,840	88,181

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 471.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1964–78

Year	Market-ings ¹	Shipped in for feeding and breeding	Farm slaughter ²	Quantity produced (live weight) ³	Value of production ³	Cash receipts from sales of hogs, pork, and lard ⁴	Value of hogs slaughtered for home consumption	Gross income ⁵	Cost of hogs shipped in for feeding and breeding	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1964	86,086	2,718	3,269	20,216,732	2,988,624	3,033,518	116,089	3,149,607	31,724	14.80
1965 ⁶	78,127	2,364	2,678	18,252,141	3,572,557	3,607,520	125,227	3,732,747	35,712	19.60
1966	75,761	2,489	1,375	19,148,989	4,491,765	4,169,060	145,451	4,314,511	46,424	23.50
1967	85,256	2,855	1,301	20,636,444	3,940,225	3,809,203	112,051	3,921,254	43,327	19.10
1968	87,726	3,181	1,262	21,034,221	3,897,369	3,777,013	104,746	3,881,759	50,876	18.50
1969	88,074	3,092	1,134	20,600,325	4,561,454	4,586,965	113,315	4,700,280	55,878	22.20
1970	86,919	3,211	1,235	21,822,826	4,954,546	4,619,946	130,898	4,750,844	(⁷)	22.70
1971	98,644	3,639	1,210	22,832,335	3,990,854	4,045,843	98,553	4,144,396	.....	17.50
1972	89,555	3,360	1,158	20,918,802	5,245,034	5,246,914	141,040	5,387,954	.....	25.10
1973	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	207,729	7,736,731	.....	38.40
1974	85,504	3,979	1,321	19,976,384	6,838,022	6,946,761	219,400	7,166,161	.....	34.20
1975	73,595	3,806	1,193	16,798,843	7,750,949	7,836,359	268,726	8,105,085	.....	46.10
1976	75,744	4,191	1,175	18,110,651	7,844,358	7,400,479	268,452	7,668,931	.....	43.30
1977	80,917	4,258	1,145	19,124,424	7,536,318	7,257,959	262,577	7,520,536	.....	39.40
1978 ⁸	81,266	4,561	1,102	19,557,546	9,111,277	8,715,458	294,780	9,010,238	.....	46.60

¹ Excludes interfarm sales within a State, but includes animals custom slaughtered for use on farms where produced.² Beginning 1966, excludes custom slaughter for farmers at commercial establishments.³ Adjustments made for changes in inventory and for inshipments.⁴ Receipts from marketings and sales of farm slaughter, excluding interfarm sales within a State.⁵ Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption.⁶ Beginning 1965, data for 12-month period—December of previous year through November of current year.⁷ Discontinued.⁸ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 472.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1964–78¹

Year	Receipts at selected public stockyards											Direct receipts in interior Iowa and southern Minnesota ⁴
	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting ^{2,3}	
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1964 .	1,801	577	253	1,060	3,445	2,426	1,899	2,915	1,983	12,953	29,312	18,052
1965 .	1,434	443	230	1,011	2,622	2,035	1,677	2,132	1,686	11,140	24,410	17,376
1966 .	1,443	351	212	1,021	2,421	2,007	1,591	2,430	1,754	10,426	23,656	18,458
1967 .	1,434	324	284	1,263	2,673	1,916	1,635	2,757	1,860	10,131	24,277	20,437
1968 .	1,190	369	289	1,360	2,327	1,823	1,636	2,855	1,950	10,172	24,071	20,932
1969 .	965	370	361	1,332	1,798	1,644	1,756	2,734	1,879	9,615	22,454	20,192
1970 .	298	217	302	1,262	1,857	1,570	1,839	2,223	1,923	8,526	20,017	21,211
1971 .	(⁵)	429	180	1,244	1,876	1,649	1,917	2,448	2,055	9,777	21,575	22,725
1972 .	.....	355	74	1,087	1,514	1,452	1,747	2,056	1,832	8,181	18,298	20,506
1973 .	.....	(⁵)	65	735	1,337	1,325	1,641	2,357	1,772	7,792	17,024	18,852
1974 .	.....	.....	80	897	1,478	1,530	1,790	2,676	2,365	8,255	19,071	19,979
1975 .	.....	.....	84	559	1,162	1,226	1,420	2,140	1,880	6,630	15,101	16,226
1976 .	.....	.....	77	497	1,102	1,327	1,547	2,423	1,975	7,064	16,012	18,190
1977 .	.....	.....	94	491	1,055	1,458	1,586	2,291	2,003	6,732	15,710	19,781
1978 .	.....	.....	72	445	1,039	1,479	949	1,603	1,543	5,628	12,758	20,194

¹ Total rail and truck receipts. Saleable receipts 1978 on.² Rounded total of complete figures.³ The number of stockyards reporting varies from 41 to 68.⁴ Covers receipts at 14 packing plants and 30 concentration yards.⁵ Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 473.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1978¹ (preliminary)

State	Market- ings ²	Shipped in for feeding and breeding	Farm slaughter ³	Quantity produced (live weight) ⁴	Value of production ⁴	Cash receipts from sales of hogs, pork, and lard ⁵	Value of hogs slaughtered for home consumption	Gross income ⁶
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala	995	40	40	237,292	107,019	90,868	15,500	106,368
Alaska	1.2	....	.8	366	245	224	9	233
Ariz	161	1	5	42,941	21,642	18,093	732	18,825
Ark	615	11	25	114,587	52,710	49,957	4,663	54,620
Calif	234	20	20	61,625	29,765	24,966	2,782	27,748
Colo	487	12	9	115,400	53,661	49,017	4,032	53,049
Conn	14.8	....	.2	3,231	1,454	1,506	48	1,554
Del	83	6	1	15,554	7,124	7,531	195	7,726
Fla	395	5	12	91,716	40,355	36,275	1,774	38,049
Ga	2,018	87	87	483,167	212,593	197,692	11,695	209,387
Hawaii	71	....	3	12,950	7,835	7,947	515	8,462
Idaho	82	4	2	21,006	9,243	7,773	607	8,380
Ill	9,208	567	19	2,401,670	1,114,375	1,090,726	7,251	1,097,977
Ind	5,861	550	16	1,463,893	679,246	662,894	4,098	666,992
Iowa	19,672	1,500	50	4,939,147	2,321,399	2,279,883	36,660	2,316,543
Kans	3,014	216	12	696,027	327,133	327,813	6,768	334,581
Ky	1,568	50	70	355,012	164,016	148,602	15,847	164,449
La	166	1	21	40,819	17,675	14,427	3,910	18,337
Maine	8.2	....	.9	2,917	1,313	828	355	1,183
Md	265	13	10	53,373	24,605	22,358	2,077	24,435
Mass	71	....	1	17,211	7,745	7,488	304	7,792
Mich	892	43	19	236,376	112,515	96,439	6,105	102,544
Minn	6,315	271	35	1,439,837	672,404	651,061	17,260	668,321
Miss	448	4	30	102,119	47,792	42,403	6,571	48,974
Mo	5,820	8	60	1,302,899	609,757	570,911	21,004	591,915
Mont	336	50	12	78,602	35,214	34,349	1,581	35,930
Nebr	4,949	350	20	1,164,664	548,557	515,969	10,833	526,798
Nev	12.6	.1	.8	2,872	1,410	1,315	136	1,451
N.H	12.0	....	.5	3,147	1,416	1,231	205	1,436
N.J	89	50	4	15,769	6,938	8,424	774	9,198
N. Mex	92	4	3	20,483	9,811	10,007	371	10,378
N.Y	179	2	8	44,946	20,181	17,463	1,818	19,281
N.C	2,964	49	115	700,862	327,303	301,372	23,496	324,868
N. Dak	423	16	16	96,937	43,912	40,951	2,981	43,932
Ohio	2,451	242	19	581,030	275,989	270,236	5,414	275,650
Okla	427	30	12	99,716	46,169	41,832	5,750	47,582
Oreg	151	1	5	32,970	15,265	14,266	1,146	15,412
Pa	757	....	62	191,429	88,632	72,931	13,434	86,365
R.I	10.0	....	.1	2,858	1,286	1,224	26	1,250
S.C	618	....	30	154,845	69,835	63,873	5,501	69,374
S. Dak	2,662	99	8	584,541	277,072	276,001	2,730	278,731
Tenn	1,821	92	90	399,119	186,389	164,059	18,914	182,973
Tex	1,240	14	30	316,258	138,521	137,301	4,573	141,874
Utah	59	2	2	14,791	6,700	5,880	464	6,344
Vt	9.1	....	.6	2,882	1,297	1,150	246	1,396
Va	717	107	50	168,249	76,553	68,723	9,828	78,551
Wash	84	....	11	20,597	9,969	8,410	2,060	10,470
W. Va	68	5	17	25,951	11,782	9,412	2,919	12,331
Wis	2,630	33	35	574,389	263,645	237,598	8,388	245,986
Wyo	40	6	2	8,504	3,810	3,803	430	4,233
U.S	81,266	4,561	1,102	19,557,546	9,111,277	8,715,458	294,780	9,010,238

¹ Balance sheet estimates by States; the sum of inventory December 1, 1977. Pig crop and inshipments are equal to the sum of marketings, farm slaughter, deaths and inventory December 1, 1978.

² Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State.

³ Excludes custom slaughter for farmers at commercial establishments.

⁴ Adjustments made for changes in inventory and for inshipments.

⁵ Receipts from marketing and sales of farm-slaughtered meat, excluding interfarm sales within the States.

⁶ Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 474.—Hogs: Number slaughtered, United States, 1964–78

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total ¹				Federally inspected	Other	Total ¹		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964	71,667	11,352	83,018	3,266	86,284	1972	78,759	5,948	84,707	1,158	85,865
1965	63,708	10,076	73,784	2,678	76,462	1973	72,264	4,531	76,795	1,095	77,890
1966 ²	63,729	10,282	74,011	1,375	75,386	1974	77,071	4,691	81,762	1,321	83,083
1967	70,915	11,209	82,124	1,301	83,425	1975	64,926	3,761	68,687	1,193	69,880
1968	74,789	10,371	85,160	1,262	86,422	1976	70,454	3,330	73,784	1,175	74,959
1969	75,682	8,156	83,838	1,134	84,972	1977	74,019	3,285	77,303	1,139	78,442
1970	78,187	7,630	85,817	1,235	87,052	1978	74,139	3,176	77,315	1,102	78,417
1971	86,667	7,771	94,438	1,210	95,648						

¹ Totals are based on unrounded numbers.² Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 475.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1978¹

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala	565.5	153,951	272	N.J	219.8	49,268	224
Ariz	182.5	41,778	229	N. Mex	29.2	6,716	230
Ark	182.4	42,863	235	N.Y	309.3	70,827	229
Calif	1,628.8	373,884	230	N.C	1,932.3	431,778	223
Colo	480.2	110,862	231	N. Dak	20.3	4,811	237
Del. and Md	338.3	77,555	229	Ohio	3,670.7	857,959	234
Fla	202.4	44,862	222	Okla	799.3	195,429	245
Ga	1,692.1	379,900	225	Oreg	156.2	33,196	212
Hawaii	47.7	8,664	182	Pa	2,923.2	659,314	226
Idaho	79.3	18,326	231	S.C	382.6	91,336	239
Ill	5,922.4	1,514,515	256	S. Dak	2,619.3	628,880	240
Ind	2,963.3	716,403	242	Tenn	2,397.1	588,919	246
Iowa	19,545.3	4,792,942	245	Tex	1,061.7	273,775	258
Kans	1,150.6	271,736	236	Utah	99.1	23,006	232
Ky	1,873.9	462,944	247	Va	2,777.0	639,277	230
La	209.6	47,918	229	Wash	538.5	123,752	230
Mich	4,262.4	1,012,861	238	W. Va	27.4	10,126	370
Minn	5,111.3	1,223,113	239	Wis	2,647.2	636,385	240
Miss	1,319.3	306,217	232	Wyo	10.8	2,586	239
Mo	2,795.9	697,919	250	N. Eng. ²	44.7	11,094	248
Mont	343.0	78,441	223				
Nebr	3,749.5	837,972	229	U.S	77,315.2	18,554,938	240
Nev	3.7	879	239				

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Commercial slaughter not estimated in Alaska.² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 476.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1964–78¹

Year	Federally inspected									Commercial		
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs		
	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight ²	Avg. live weight	Number head	Avg. dressed weight ²	Avg. live weight
	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>
1964 ..	65,435	.....	5,702	.....	529	.....	71,667	146	243	83,018	145	241
1965 ..	58,576	.....	4,739	.....	392	.....	63,708	147	240	73,784	146	238
1966 ..	58,383	.....	5,055	.....	291	.....	63,729	152	244	74,011	151	242
1967 ..	65,444	.....	5,157	.....	314	.....	70,915	152	242	82,124	151	241
1968 ..	69,484	.....	4,929	.....	377	.....	74,789	151	240	85,160	151	239
1969 ..	70,119	.....	4,961	.....	610	.....	75,682	153	240	83,838	152	239
1970 ..	72,647	.....	5,015	.....	525	.....	78,187	155	241	85,817	154	240
1971 ..	80,557	.....	5,372	.....	738	.....	86,667	156	240	94,438	155	239
1972 ..	73,419	.....	4,646	.....	695	.....	78,759	160	240	84,707	159	239
1973 ..	67,321	.....	4,201	.....	742	.....	72,264	164	242	76,795	164	241
1974 ..	71,048	.....	5,319	.....	704	.....	77,071	167	245	81,762	166	244
1975 ..	60,761	.....	3,582	.....	586	.....	64,926	166	240	68,687	165	240
1976 ..	66,512	.....	3,399	.....	548	.....	70,454	167	238	73,784	166	238
1977 ..	69,191	163	4,055	282	783	237	74,019	170	237	77,303	170	237
1978 ..	69,539	164	3,870	290	730	239	74,139	171	240	77,315	171	240

¹ All weights calculated using unrounded totals.² 1964–76 shipper style, 1977–78 packer style.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 477.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1964–78

Year	Hog-corn price ratio ¹		Price of corn per bushel ²		Year	Hog-corn price ratio ¹		Price of corn per bushel ²	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			<i>Dollars</i>	<i>Dollars</i>				<i>Dollars</i>	<i>Dollars</i>
1964	13.1	13.2	1.13	1.12	1972	22.1	22.5	1.17	1.15
1965	17.7	18.0	1.18	1.16	1973	21.7	22.2	1.89	1.87
1966	18.5	18.7	1.25	1.23	1974	12.2	12.2	2.92	2.91
1967	16.3	16.5	1.17	1.16	1975	17.1	17.2	2.70	2.68
1968	³ 17.9	³ 18.3	1.04	1.02	1976	17.5	17.6	2.49	2.48
1969	19.8	20.2	1.13	1.11	1977	19.8	20.0	2.03	2.02
1970	19.1	19.4	1.23	1.21	1978	22.4	22.7	2.10	2.08
1971	14.0	14.3	1.27	1.25					

¹ Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios.² Average of midmonth weighted prices.³ Beginning 1968, marketing year average December through November.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 478.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1964–78

Year	Omaha					Seven markets ¹				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>
1964	239	15.24	432	12.88	12	234	15.31	422	12.84	11
1965	235	20.99	433	18.96	13	232	21.30	424	19.03	12
1966	239	23.25	441	19.75	13	236	23.49	432	19.77	12
1967	240	19.17	450	16.47	13	237	19.37	437	16.43	11
1968	238	19.01	444	16.12	13	235	19.19	436	16.20	11
1969	235	23.55	443	20.67	13	234	23.71	436	20.76	11
1970	240	21.75	449	17.74	12	237	21.95	439	17.83	10
1971	237	18.24	447	15.43	12	235	18.45	434	15.54	10
1972	237	26.36	461	23.11	13	237	26.67	447	23.26	10
1973	239	39.83	458	35.59	13	237	40.27	445	35.94	11
1974	245	34.65	447	29.78	14	241	35.12	436	29.92	11
1975	241	47.93	449	43.67	12	238	48.32	448	43.65	9
1976	240	42.60	457	36.09	13	236	43.11	457	35.92	10
1977	237	40.65	459	36.20	14	234	41.07	454	36.01	10
1978	239	48.29	460	43.36	15	237	48.49	459	43.23	11

¹Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

Table 479.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1964–78

Year	Loins, fresh, 8- to 14-lb. average ¹	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average ¹	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average ²	Bacon, smoked, slab, 8- to 12-lb. average
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	44.33	33.44	42.66	36.88	1972	64.46	52.26	56.97	46.70
1965	53.23	43.05	50.56	48.76	1973	81.91	71.08	.....	52.14
1966	56.94	46.16	54.29	55.41	1974	78.56	61.98	.....	.....
1967	51.53	40.91	49.76	44.76	1975	99.28	86.44	89.15	.....
1968	50.90	40.31	48.11	42.96	1976	97.68	81.13	91.06	.....
1969	57.47	48.73	54.19	47.64	1977	95.25	75.98	89.08	.....
1970	56.86	43.43	51.68	48.40	1978	109.15	71.77	99.63	.....
1971	49.85	39.35	48.85	36.11					

¹Prior to June 1967, 8-12 pounds.

²Delete word "smoked" after 1974.

Agricultural Marketing Service.

Table 480.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1964-78

Year	Supply						Disposition					
	Production				Stocks Jan. 1 ¹	Total ²	Exports and shipments			Domestic disappearance		
	Federally inspected	Other com- mercial	Farm	Total			Exports	Ship- ments	Total	Total	Direct use	
											Total	Per civilian
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964 .	2,153	235	85	2,473	119	2,592	682	64	747	1,716	1,193	6.3
1965 .	1,772	208	65	2,045	127	2,172	251	75	325	1,785	1,225	6.4
1966 .	1,696	202	32	1,929	62	1,991	158	63	220	1,670	1,071	5.5
1967 .	1,835	209	32	2,076	100	2,176	189	58	247	1,778	1,055	5.4
1968 .	1,862	170	30	2,062	151	2,213	175	58	234	1,886	1,106	5.6
1969 .	1,755	124	25	1,904	94	1,998	262	67	329	1,599	1,011	5.1
1970 .	1,776	112	25	1,913	70	1,983	366	53	419	1,482	939	4.7
1971 .	1,830	106	24	1,960	82	2,042	282	62	345	1,598	880	4.3
1972 .	1,464	77	18	1,559	100	1,659	164	25	189	1,419	787	3.8
1973 .	1,181	55	18	1,254	51	1,305	113	8	121	1,139	705	3.4
1974 .	1,286	58	22	1,366	44	1,410	161	21	182	1,192	681	3.2
1975 .	956	39	17	1,012	36	1,048	88	56	144	876	632	3.0
1976 .	1,010	33	17	1,060	28	1,088	181	54	235	820	585	2.7
1977 .	1,022	....	17	1,039	34	1,073	182	47	229	796	500	2.3
1978 ³	991	....	....	991	29	1,020	110	423	133	698	350	2.4

¹ Factory and warehouse stocks as reported by the Bureau of the Census.² Includes imports, which were less than 500,000 pounds.³ Preliminary.⁴ Based on six months of data.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers.

Table 481.—Lard, including rendered pork fat: United States exports by country of destination, 1976-78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belize	1,435	1,279	1,427	Belgium and Luxembourg	4,051	11,326	1,447
Canada	17,031	20,140	19,547	Netherlands	8,425	12,240	4,883
Haiti	1,285	1,236	931	United Kingdom	29,694	21,709	7,242
Mexico	28,069	31,131	26,791	Other countries	2,347	3,800	855
Netherlands Antilles ..	118	235	267	Total	44,517	49,075	14,427
Bahamas	3	8	620	Africa	31	....	23
Other countries	164	147	625	Asia	4,276	1,662	3,202
Total	48,105	54,176	50,208	Oceania .....	....	....	86
South America:				Grand total ²	117,250	152,449	100,558
Ecuador	4,301	25,365	15,489				
Colombia	15,962	20,948	16,439				
Other countries	56	1,224	685				
Total	20,319	47,537	32,613				

¹ Preliminary.² May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 482.—Sheep and lambs: Number and value, United States, Jan. 1, 1964–79

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	27,116	14.10	382,614	1972	18,739	22.90	428,861
1965	25,127	16.00	401,044	1973	17,641	26.70	470,832
1966	24,734	19.80	490,686	1974	16,310	32.80	534,766
1967	23,953	19.80	473,216	1975	14,515	30.50	442,491
1968	22,223	19.20	427,216	1976	13,311	37.30	496,291
1969	21,350	22.00	470,709	1977	12,766	42.40	541,458
1970	20,423	25.10	512,737	1978	12,348	51.50	636,088
1971	19,731	23.60	465,418	1979 ¹	12,224	71.70	876,240

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 483.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1964–79

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964	27,116	3,661	23,455	3,089	714	18,723	929
1965	25,127	3,284	21,843	2,801	650	17,502	890
1966	24,734	3,278	21,456	3,010	760	16,850	836
1967	23,953	3,276	20,677	2,959	688	16,230	799
1968	22,223	3,115	19,108	2,546	569	15,290	705
1969	21,350	2,995	18,355	2,473	501	14,707	675
1970	20,423	2,990	17,433	2,422	475	13,923	613
1971	19,731	2,785	16,946	2,280	463	13,609	594
1972	18,739	2,894	15,845	1,974	402	12,909	560
1973	17,641	2,873	14,768	1,883	354	12,049	482
1974	16,310	2,625	13,685	1,804	359	11,058	464
1975	14,515	2,079	12,436	1,510	404	10,083	437
1976	13,311	1,884	11,427	1,345	350	9,314	418
1977	12,766	1,731	11,035	1,407	380	8,886	362
1978	12,348	1,623	10,725	1,489	326	8,540	370
1979 ¹	12,224	1,567	10,657	1,667	369	8,243	378

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 484.—Stock sheep: Number, by classes, by States, Jan. 1, 1978 and 1979

State	Lambs				One year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1978	1979 ¹	1978	1979 ¹	1978	1979 ¹	1978	1979 ¹
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
Ala	0.5	(2)	0.5	(2)	2.5	(2)	0.2	(2)
Alaska . . . . .	.5	0.5	.5	0.4	3	2.9	2.2	1.7
Ariz	50	48	20	33	296	288	12	11
Ark . . . . .	.8	(2)	.4	(2)	3.4	(2)	.3	(2)
Calif	88	85	20	16	780	838	27	26
Colo	53	64	6	6	380	393	11	12
Conn . . . . .	.7	.8	.2	.2	3.9	3.8	.3	.3
Del . . . . .	.3	(2)	.1	(2)	1.2	(2)	.1	(2)
Fla . . . . .	.6	(2)	.4	(2)	2.7	(2)	.3	(2)
Ga . . . . .	.4	(2)	.2	(2)	2.3	(2)	.3	(2)
Idaho	79	73	7	6	376	369	8	8
Ill	23	25	7	8	129	127	8	7
Ind	22	23	6	6	130	124	7	7
Iowa	39	64	10	21	240	220	11	15
Kans	12	13	6	7	117	125	5	5
Ky	4	2	1	1	22	18	1	1
La	2	2	1	1	9	9	1	1
Maine	2	2	1	1	8	8	1	1
Md	3	3	1	1	14	14	1	1
Mass	1.1	1	.5	.3	4.7	4.9	.5	.5
Mich	13	14	3	3	88	75	4	3
Minn	30	38	6	8	160	160	7	4
Miss . . . . .	.7	(2)	.4	(2)	3.1	(2)	.3	(2)
Mo	15	19	5	6	88	83	4	4
Mont	88	111	13	9	356	324	13	11
Nebr	15	17	4	4	129	76	4	3
Nev	15	15	1	1	92	89	2	2
N.H	1.3	1.3	.3	.4	5	4.8	.4	.4
N.J	1.2	1.3	.7	.8	6.7	6.9	.6	.6
N. Mex	76	92	9	8	437	432	24	23
N.Y	8	10	3	9	45	42	2	2
N.C	1	.9	.7	.5	6.6	5	.7	.6
N. Dak	28	32	5	8	126	115	6	5
Ohio	37	36	11	10	253	236	9	8
Okla	7	12	3	3	55	57	3	3
Oreg	42	68	8	11	250	260	10	11
Pa	10	11	5	4	60	55	5	5
R.I . . . . .	.2	(2)	.1	(2)	1.6	(2)	.1	(2)
S.C . . . . .	.2	(2)	.1	(2)	.9	(2)	.1	(2)
S. Dak	113	124	19	21	523	534	15	17
Tenn	2	2	1	1	11	9	1	1
Tex	310	355	95	108	1,800	1,667	³ 105	⁴ 120
Utah	53	59	5	5	401	388	11	10
Vt	1.3	1.4	.6	.6	5.6	5.6	.4	.4
Va	22	21	9	9	136	125	5	5
Wash	9	11	2	3	42	39	3	3
W. Va	16	16	6	6	96	88	5	5
Wis	12	17	1	2	58	63	2	3
Wyo	180	176	20	20	780	759	30	30
U.S	1,488.8	1,667.2	325.7	369.2	8,540.2	8,242.9	369.8	377.5

¹ Preliminary.² Estimates discontinued.³ 25,000 wethers and 80,000 rams.⁴ 32,000 wethers and 88,000 rams.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 485.—Sheep and lambs: Number of stock sheep and sheep on feed, by States, Jan. 1, 1977-79

State	Stock sheep			Sheep on feed ²		
	1977	1978	1979 ¹	1977	1978	1979 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala	3.6	3.7	(3)			
Alaska	6.5	6.2	5.5			
Ariz	374	378	380	116	60	85
Ark	5.1	4.9	(3)			
Calif	900	915	965	213	200	185
Colo	500	450	475	330	360	320
Conn	5.4	5.1	5.1			
Del	1.9	1.7	(3)			
Fla	4.5	4	(3)			
Ga	3.7	3.2	(3)			
Idaho	490	470	456	13	11	10
Ill	162	167	167	18	17	17
Ind	175	165	160	12	11	11
Iowa	318	300	320	70	70	60
Kans	140	140	150	33	65	58
Ky	30	28	22			
La	13	13	13			
Maine	11	12	12			
Md	18	19	19			
Mass	6.7	6.8	6.7			
Mich	115	108	95	34	30	26
Minn	210	203	210	65	52	45
Miss	5.4	4.5	(3)			
Mo	115	112	112	19	19	14
Mont	490	470	455	80	60	20
Nebr	100	152	100	90	85	75
Nev	120	110	107	13	4	7
N.H	6.5	7	6.9			
N.J	8.3	9.2	9.6			
N. Mex	536	546	555	24	25	49
N.Y	60	58	63	9	8	(3)
N.C	9	9	7			
N. Dak	174	165	160	62	48	38
Ohio	380	310	290	65	60	60
Okla	59	68	75	13	13	14
Oreg	310	310	350	85	100	110
Pa	100	80	75			
R.I	2.1	2	(3)			
S.C	1.3	1.3	(3)			
S. Dak	625	670	696	34	34	44
Tenn	17	15	13			
Tex	2,360	2,310	2,250	160	150	165
Utah	560	470	462	20	21	24
Vt	7.1	7.9	8			
Va	164	172	160			
Wash	64	56	56	10	6	(3)
W. Va	125	123	115			
Wis	72	73	85	8	9	10
Wyo	1,071	1,010	985	135	105	120
U.S	11,035	10,725	10,657	1,731	1,623	1,567

¹Preliminary.²Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.³Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 486.—Sheep: Number in specified countries, 1977–79¹

Continent and country	1977	1978	1979 ²	Continent and country	1977	1978	1979 ²
North America:	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	Europe—Con.	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
Canada	408	383	410	Bulgaria	9,725	9,845	10,105
Dominican Republic	27	27	27	Czechoslovakia	797	732	865
El Salvador	4	4	4	German Dem. Rep	1,870	1,869	1,965
Guatemala	510	500	500	Hungary	2,350	2,485	2,620
Honduras	5	5	5	Poland	3,018	3,593	3,900
Mexico	5,000	4,900	4,900	Romania	14,327	14,000	14,000
United States ³	12,766	12,348	12,224	Yugoslavia	7,484	7,514	7,574
Total	18,720	18,167	18,070	Total Eastern Europe	39,571	40,038	41,029
South America:				Total Europe	112,961	114,406	116,696
Argentina	37,500	37,200	37,000	Soviet Union	139,800	141,000	143,100
Brazil	17,200	17,200	18,000	Africa:			
Chile	5,700	5,792	5,800	South Africa	32,648	32,800	33,055
Colombia	2,138	2,255	2,368	Total	32,648	32,800	33,055
Ecuador	2,193	2,241	2,282	Asia:			
Peru	14,500	14,000	14,000	China, Taiwan	1	1	1
Uruguay	16,636	18,854	20,690	India	40,352	40,700	41,000
Venezuela	275	294	314	Iran	33,500	33,600	33,600
Total	96,142	97,836	100,454	Israel	225	208	189
Europe:				Japan	11	11	11
Belgium-Luxembourg	82	84	85	Korea, Rep. of	7	7	7
Denmark	56	55	55	Philippines	2	2	2
France	11,046	11,255	11,450	Turkey	41,504	42,706	43,500
Germany, Fed. Rep. of	1,091	1,135	1,195	Total	115,602	117,235	118,310
Ireland	2,582	2,526	2,441	Oceania:			
Italy	8,445	8,694	9,000	Australia	135,360	131,442	135,839
Netherlands	800	841	845	New Zealand	59,105	60,300	61,500
United Kingdom	19,880	20,504	21,320	Total	194,465	191,742	197,339
Total EC	43,982	45,094	46,391	Total selected countries	710,338	713,186	727,024
Austria	174	181	185				
Finland	55	70	70				
Greece	8,135	8,064	8,100				
Norway	860	890	915				
Portugal	3,840	3,842	3,842				
Spain	15,589	15,463	15,400				
Sweden	387	385	384				
Switzerland	368	379	380				
Total Western Europe	73,390	74,368	75,667				

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

² Preliminary.

³ 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 487.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1976–78¹

State	1976		1977		1978 ²	
	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>
Ala	2.6	100	2.6	108	(³)	(³)
Alaska . . . . .	.6	11	1	32	0.9	30
Ariz	203	71	200	67	213	72
Ark	3.6	106	4.3	123	(³)	(³)
Calif	738	91	700	91	694	89
Colo	465	103	452	106	429	113
Conn	4.4	119	4.4	110	4.5	115
Del	1.4	108	1.3	93	(³)	(³)
Fla	2.8	93	2.5	81	(³)	(³)
Ga	1.6	73	1.7	71	(³)	(³)
Idaho	529	115	491	117	421	112
Ill	148	113	139	111	141	109
Ind	146	112	154	114	147	113
Iowa	290	112	292	112	259	108
Kans	120	107	126	110	124	106
Ky	34	131	28	117	24	109
La	8	89	9	100	8	89
Maine	7.7	110	8	114	9	113
Md	16	114	15	107	17	121
Mass	5.6	106	5.7	116	5.3	113
Mich	99	111	103	113	103	117
Minn	237	117	214	124	200	125
Miss	3.7	93	3.5	95	(³)	(³)
Mo	112	115	111	123	106	120
Mont	420	101	375	101	349	98
Nebr	110	110	100	120	110	85
Nev	102	92	96	96	88	96
N.H	5.2	106	5.7	119	6.1	122
N.J	6.8	113	7.3	122	7.8	116
N. Mex	345	76	322	75	323	74
N.Y	53	108	52	111	50	111
N.C	7.4	106	6.8	105	6.4	97
N. Dak	163	114	170	123	152	121
Ohio	318	104	324	107	264	104
Okla	57	104	54	110	60	109
Oreg	319	119	279	113	288	115
Pa	96	105	78	104	62	103
R.I	1.1	55	1.3	81	(³)	(³)
S.C . . . . .	.8	89	.8	89	(³)	(³)
S. Dak	684	124	653	128	668	128
Tenn	14	93	12	92	11	100
Tex	1,400	74	1,450	78	1,242	69
Utah	433	90	428	90	377	94
Vt	6	118	6.2	122	6.7	120
Va	157	123	155	120	160	118
Wash	70	121	53	106	50	119
W. Va	103	112	111	112	108	113
Wis	75	114	79	139	78	134
Wyo	763	86	718	86	647	83
U.S	8,888.3	95	8,606.1	97	8,019.7	94

¹ Lamb crop defined as lambs born in the native States, and lambs docked or branded in the Western States.² Preliminary.³ Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 488.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1964–78

Year	Lamb crop ¹	Marketings ²		Shipped in		Farm slaughter	
		Sheep	Lambs	Sheep for feeding and breeding	Lambs for feeding ³	Sheep	Lambs ^{3,4}
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1964	16,994	3,437	16,757	735	4,838	107	193
1965	16,312	2,454	15,213		5,165		294
1966	15,881	2,785	14,674		4,679		268
1967	15,017	2,911	13,993		4,030		245
1968	14,443	2,298	13,448		4,035		237
1969	13,723	2,282	12,873		4,119		233
1970	13,465	1,983	12,840		4,032		249
1971	12,998	2,202	12,627		4,004		236
1972	12,599	2,170	12,383		3,976		224
1973	11,500	2,198	10,879		3,275		202
1974	10,509	2,172	9,888		2,629		217
1975	9,857	1,771	8,997		2,343		212
1976	8,888	1,445	8,071		2,466		197
1977	8,606	1,504	7,405		2,173		198
1978 ⁵	8,020	1,464	6,594		2,147		174

Year	Quantity produced (live weight) ⁶	Value of production ⁶	Cash receipts for sales of sheep, lambs, and mutton and lamb ⁷	Value of sheep and lambs slaughtered for home consumption	Gross income ⁸	Cost of sheep and lambs shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Sheep	Lambs
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	1,330,507	235,756	318,176	3,407	321,583	69,685	6.00	19.90
1965	1,217,139	257,160	328,609	3,865	332,474	73,633	6.34	22.80
1966	1,249,097	261,185	333,624	4,525	338,149	71,324	6.84	23.40
1967	1,153,596	231,020	301,660	4,212	305,872	54,882	6.35	22.10
1968	1,166,190	256,616	315,180	4,559	319,739	60,561	6.58	24.40
1969	1,065,074	266,856	343,431	5,556	348,987	73,192	8.10	27.20
1970	1,099,385	260,373	333,746	5,691	339,437	(⁹)	7.52	26.40
1971	1,070,502	250,159	322,982	5,399	328,381		6.56	25.90
1972	1,004,102	271,434	353,803	5,725	359,528		7.26	29.10
1973	895,776	293,732	389,585	6,895	396,480		12.90	35.10
1974	806,755	272,048	368,747	7,870	376,617		11.20	37.00
1975	781,120	303,423	385,210	8,473	393,683		11.30	42.10
1976	732,765	314,919	391,672	9,056	400,728		13.20	46.90
1977	703,942	321,057	390,503	9,905	400,408		13.40	51.30
1978 ⁵	698,517	390,286	461,435	11,230	472,665		21.70	62.70

¹Lambs born in the Native States, and lambs docked or branded in the Western States. ²Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State. ³Beginning 1965, sheep and lambs combined. ⁴Beginning 1966, excludes custom slaughter. ⁵Preliminary. ⁶Adjustments made for changes in inventory and for inshipments. ⁷Receipts from marketings and sale of farm-slaughtered meat. ⁸Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption. ⁹Discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 489.—Sheep and lambs: Average price per 100 pounds at Omaha, 1964–78¹

Year beginning May	Sheep			Lambs			Year beginning May	Sheep			Lambs		
	May–Nov.	Dec.–Apr.	May–Apr.	May–Nov.	Dec.–Apr.	May–Apr.		May–Nov.	Dec.–Apr.	May–Apr.	May–Nov.	Dec.–Apr.	May–Apr.
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1964	4.88	5.20	5.01	21.29	22.82	21.93	1972	6.16	8.40	7.09	30.80	35.47	32.75
1965	4.89	6.22	6.03	23.88	26.20	24.85	1973	11.96	13.81	12.64	36.41	38.70	37.37
1966	5.72	5.80	6.91	23.14	21.79	27.10	1974	6.98	7.80	7.32	40.46	42.10	41.15
1967	5.82	5.94	5.86	24.80	25.20	24.97	1975	8.75	11.92	10.07	45.14	51.44	47.77
1968	5.84	7.78	6.65	27.07	27.50	27.25	1976	9.95	11.83	10.78	45.39	50.50	47.52
1969	7.86	8.05	7.94	28.97	27.98	28.55	1977	10.82	13.75	12.04	53.30	64.43	57.94
1970	7.07	5.80	6.54	27.55	26.03	26.92	1978	16.61	21.50	17.69	61.68	68.15	64.38
1971	5.04	4.93	4.99	28.16	28.48	28.29							

See footnotes on page 330.

Table 490.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1978 (preliminary)

State	Marketings ¹		Shipped in	Slaughtered on farms ²	Quantity produced (live weight) ³	Value of production ³	Cash receipts from sales of sheep, lambs, and mutton and lamb ⁴	Value of sheep and lambs slaughtered for home consumption	Gross income ⁵
	Sheep	Lambs							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala. ⁶									
Alaska				0.6	(7)		11	11	22
Ariz.	48	139	90	52	21,210	10,768	9,680	2,372	12,052
Ark. ⁶									
Calif.	43	741	266	14	74,629	42,090	50,264	1,049	51,313
Colo.	45	1,004	733	6	69,998	42,963	75,492	453	75,945
Conn.	.7	2.5		.5	264	183	122	59	181
Del. ⁶									
Fla. ⁶									
Ga. ⁶									
Idaho	69	364	79	5	38,264	20,221	23,434	376	23,810
Ill.	23	105	18	2	12,501	5,933	6,227	335	6,562
Ind.	13	89	1	2	8,865	4,546	4,421	248	4,669
Iowa	30	210	68	2	21,597	12,334	14,058	219	14,277
Kans.	7	171	84	1	13,512	7,654	10,524	89	10,613
Ky.	8	16	2	1	1,835	821	935	88	1,023
La.	2.0	2.0		1.0	425	180	121	59	180
Maine	2.0	3.0		2.0	622	371	115	256	371
Md.	3	9		1	1,240	564	488	77	565
Mass.	1.0	2.9		.5	340	212	159	67	226
Mich.	20	78	1	1	8,045	4,801	5,320	83	5,403
Minn.	33	149	22	2	17,953	10,297	10,777	192	10,969
Miss. ⁶									
Mo.	14	65	3	2	7,470	4,023	3,987	240	4,227
Mont.	84	208	41	3	21,756	11,651	15,340	232	15,572
Nebr.	75	141	88	1	9,234	5,928	10,842	97	10,939
Nev.	6	115	68	3	7,260	4,086	6,432	134	6,566
N.H.	1.3	3.0		.6	391	253	174	80	254
N.J.	1.1	3.6		.4	522	231	163	52	215
N. Mex.	71	141	110	33	14,350	9,924	9,740	1,306	11,046
N.Y.	7	32	4	3	3,147	1,809	1,746	240	1,986
N.C.	2.7	3.2		.6	373	153	176	38	214
N. Dak.	32	113	19	1	11,899	6,659	7,527	129	7,656
Ohio	58	190	6	2	20,717	11,111	11,836	123	11,959
Okla.	9	48	18		5,171	2,757	2,858		2,858
Oreg.	6	196	39	5	24,443	13,970	12,576	501	13,077
Pa.	10	37		2	3,956	2,546	2,499	179	2,678
R.I. ⁶									
S.C. ⁶									
S. Dak.	79	514	99	3	61,502	33,366	35,648	260	35,908
Tenn.	4	6	2		544	252	311		311
Tex.	392	743	140	2	105,395	57,101	62,890	104	62,994
Utah	23	273	30	6	28,550	16,732	17,456	347	17,803
Vt.	1.5	3.1		.8	502	310	195	109	304
Va.	27	109	5	2	12,519	6,697	6,936	183	7,119
Wash.	1	39	10	4	3,358	2,217	2,638	246	2,884
W. Va.	22	67	1	1	7,902	3,983	4,158	63	4,221
Wis.	1	52	6	1	6,567	3,457	2,905	204	3,109
Wyo.	189	406	94	4	49,689	27,132	30,254	330	30,584
U.S.	1,464	6,594	2,147	174	698,517	390,286	461,435	11,230	472,665

¹Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State.

²Excludes animals custom slaughtered for farmers at commercial establishments.

³Adjustments made for changes in inventory and for inshipments.

⁴Receipts from marketings and sale of farm-slaughtered meat.

⁵Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

⁶Estimates discontinued.

⁷Decrease in inventory and large death loss of sheep resulted in a deficit in number of pounds produced.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 489

¹Simple average of monthly bulk-of-sales prices from data of the livestock reporting service.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 491.—Sheep and lambs: Receipts at selected public stockyards, 1964–78¹

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting ^{2,3}
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964	153	1,163	619	507	567	164	330	804	362	2,924	7,593
1965	136	989	489	438	424	121	203	616	310	2,443	6,169
1966	137	758	424	411	401	111	226	625	302	3,029	6,424
1967	172	488	557	206	370	96	215	589	250	2,729	5,672
1968	167	302	444	165	236	90	257	549	195	2,574	4,979
1969	60	191	393	118	160	81	277	491	171	2,309	4,251
1970	24	137	351	69	134	86	253	333	153	2,155	3,695
1971	46	104	144	55	123	77	97	238	104	1,931	2,879
1972		9	17	43	111	60	83	228	107	1,895	2,553
1973		(⁵)	12	36	97	41	67	243	102	1,779	2,377
1974			10	29	88	35	52	254	98	1,679	2,245
1975			7	22	81	29	41	247	81	1,394	1,902
1976			5	19	76	28	36	218	55	1,325	1,707
1977			4	14	73	25	36	165	47	1,247	1,611
1978			2	12	51	22	19	126	29	993	1,254

¹ Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978.² Rounded totals of complete figures.³ The number of stockyards reporting varies from 41 to 68.⁴ Market closed Aug. 1, 1971.⁵ Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 492.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1978¹

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala	0.2	13	77	N. Mex	82.5	9,876	120
Ariz	1.3	134	103	N.Y.	43.1	4,068	94
Ark .....	.2	24	107	N.C. ....	.8	74	95
Calif	1,029.8	116,603	113	N. Dak. ....	.6	65	109
Colo	1,388.7	162,904	117	Ohio	27.1	2,592	96
Del. and Md	33.3	3,402	102	Okla.	2.1	221	103
Fla .....	.4	26	71	Oreg	26.4	2,774	105
Ga .....	.2	17	90	Pa	120.3	11,998	100
Idaho	4.5	497	110	S.C. ....	.2	17	100
Ill	321.8	35,786	111	S. Dak.	291.8	32,192	110
Ind	7.2	593	82	Tenn .....	.7	68	91
Iowa	243.7	26,002	107	Tex	797.6	85,341	107
Kans	4.0	452	113	Utah	24.0	2,707	113
Ky	11.7	1,188	102	Va	3.1	316	103
La	3.7	334	91	Wash	217.7	25,703	118
Mich	294.3	32,145	109	W. Va .....	.7	73	98
Minn	260.0	30,077	116	Wis	5.2	533	102
Mo	13.6	1,322	97	Wyo	1.7	208	121
Mont	2.0	217	108	N. Eng. ²	12.8	1,099	86
Nebr	1.7	180	103				
Nev	2.2	239	109	U.S.	5,368.9	601,284	112
N.J.	85.8	9,205	107				

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 493.—Sheep and lambs: Number slaughtered, United States, 1964–78

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total ¹				Federally inspected	Other	Total ¹		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964	12,947	1,647	14,595	300	14,895	1972	9,905	396	10,301	224	10,525
1965	11,710	1,297	13,006	294	13,300	1973	9,234	363	9,597	202	9,799
1966 ²	11,553	1,184	12,737	268	13,005	1974	8,556	291	8,847	217	9,064
1967	11,516	1,275	12,791	245	13,036	1975	7,552	283	7,835	212	8,047
1968	10,888	996	11,884	237	12,121	1976	6,474	240	6,714	197	6,911
1969	10,070	621	10,691	233	10,924	1977	6,133	223	6,356	199	6,555
1970	10,010	542	10,552	249	10,801	1978	5,169	200	5,369	174	5,543
1971	10,256	473	10,729	236	10,965						

¹ Totals are based on unrounded numbers.² Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 494.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1964–78¹

Year	Federally inspected									Commercial		
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs		
	Number head	Pct. of total	Avg. dressed weight	Number head	Pct. of total	Avg. dressed weight	Number head	Avg. dressed weight	Avg. live weight	Number head	Avg. dressed weight	Avg. live weight
	<i>Thousands</i>	<i>Percent</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Percent</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>
1964	12,231	94.5	....	717	5.5	....	12,947	48	99	14,595	48	99
1965	11,063	94.5	....	646	5.5	....	11,710	49	100	13,006	49	100
1966	10,795	93.4	....	758	6.6	....	11,553	51	102	12,737	50	102
1967	10,735	93.2	....	781	6.8	....	11,516	50	102	12,791	50	101
1968	10,198	93.7	....	690	6.3	....	10,888	50	102	11,884	50	102
1969	9,340	92.8	....	728	7.2	....	10,070	51	104	10,691	51	104
1970	9,298	92.9	....	711	7.1	....	10,010	52	105	10,552	52	104
1971	9,437	92.0	....	819	8.0	....	10,256	51	104	10,729	51	104
1972	9,229	93.2	....	677	6.8	....	9,905	52	105	10,301	52	105
1973	8,426	91.2	....	808	8.8	....	9,234	53	108	9,597	53	107
1974	7,987	93.3	....	569	6.7	....	8,556	52	105	8,847	52	105
1975	6,993	92.6	....	558	7.4	....	7,552	51	109	7,835	51	104
1976	6,058	93.6	....	416	6.4	....	6,474	54	108	6,714	54	109
1977	5,643	92.0	54	489	8.0	55	6,133	54	108	6,356	54	108
1978	4,810	93.1	57	359	6.9	56	5,169	56	113	5,369	56	112

¹ All percents and weights calculated using unrounded totals.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 495.—Livestock: Average price per 100 pounds received by farmers, by States, 1977 and 1978

State	Cows ¹		Steers and heifers		Beef cattle ²		Calves	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	23.60	36.10	31.20	47.30	28.40	43.20	32.10	54.00
Alaska	44.00	50.00	55.00	59.00	49.00	54.70	35.00	37.00
Ariz	24.30	37.20	39.10	51.80	37.80	50.80	37.50	61.60
Ark	23.70	35.50	33.90	53.00	31.80	50.50	34.00	50.00
Calif	24.60	36.50	38.80	51.40	36.00	48.80	33.60	51.00
Colo	25.60	37.70	39.30	51.50	38.90	51.00	40.70	63.50
Conn	25.70	38.70	30.70	47.80	26.00	46.00	38.50	57.00
Del	25.30	36.20	35.80	47.50	29.70	40.90	38.40	57.60
Fla	24.60	34.70	33.10	49.30	29.60	43.30	32.60	59.40
Ga	23.50	34.90	31.50	47.40	28.20	42.30	32.10	55.70
Hawaii	21.60	28.50	34.20	41.50	31.70	39.10	40.00	40.00
Idaho	25.50	37.10	38.10	51.60	36.60	49.90	39.00	66.80
Ill	24.70	34.80	38.10	50.00	36.60	48.40	38.70	54.50
Ind	24.70	35.50	37.50	50.30	35.40	45.60	36.30	56.10
Iowa	24.90	37.10	38.00	51.10	37.20	50.90	37.80	56.50
Kans	24.30	35.60	36.70	53.10	35.00	52.10	39.00	60.20
Ky	23.50	35.50	34.30	50.10	31.60	46.60	37.00	56.00
La	23.20	34.90	34.20	53.00	28.10	42.90	36.10	59.10
Maine	26.40	39.40	31.50	44.50	25.80	43.50	36.30	52.00
Md	25.30	36.60	35.80	48.00	29.70	41.40	38.00	57.20
Mass	25.50	36.30	30.50	43.30	26.20	41.90	38.20	57.00
Mich	25.30	36.90	37.90	50.60	32.80	44.20	38.80	61.60
Minn	26.10	37.50	37.60	49.10	31.60	43.50	38.80	58.20
Miss	23.50	34.20	33.70	51.30	28.60	42.50	36.70	59.80
Mo	23.40	34.70	36.30	51.70	33.50	48.30	36.90	57.20
Mont	23.90	38.50	37.30	57.00	33.70	51.50	41.40	70.30
Nebr	25.00	36.20	38.90	52.00	37.20	50.10	40.30	60.70
Nev	23.60	35.20	37.30	51.50	35.20	48.40	37.80	61.20
N.H	25.30	36.00	30.50	41.50	25.80	40.40	36.50	52.50
N.J	24.80	34.90	35.50	48.90	26.20	36.70	37.90	55.70
N. Mex	23.70	35.90	39.70	54.00	38.50	52.90	36.70	60.80
N.Y	25.00	35.30	32.60	44.00	26.20	36.60	37.50	58.20
N.C	23.40	34.90	30.90	46.20	26.70	39.90	34.80	55.00
N. Dak	24.40	34.80	37.00	52.50	34.20	48.40	40.00	60.10
Ohio	25.10	37.10	37.60	50.20	34.60	48.00	42.00	60.20
Okla	23.90	35.30	37.00	54.60	33.20	49.60	38.30	60.30
Oreg	24.00	35.60	35.60	49.70	33.00	46.70	34.70	53.50
Pa	25.70	36.90	37.70	50.80	32.00	43.90	45.70	64.30
R.I	25.20	37.50	30.50	45.60	26.00	44.00	37.60	57.00
S.C	23.90	36.40	31.80	49.20	27.90	42.70	31.60	55.00
S. Dak	26.20	36.20	39.20	51.30	37.50	49.40	40.90	64.90
Tenn	23.10	33.90	34.60	49.90	28.20	41.00	37.10	57.80
Tex	23.30	35.00	36.40	51.50	33.20	47.70	34.70	60.10
Utah	24.70	34.40	36.30	51.20	32.60	47.60	37.60	58.70
Vt	24.50	36.20	29.50	41.40	25.80	40.40	35.00	56.00
Va	23.70	35.90	31.90	45.40	27.80	40.60	37.00	60.40
Wash	24.40	35.90	36.70	50.80	34.40	47.40	37.20	54.90
W. Va	22.80	34.40	29.70	46.00	27.10	41.10	34.50	57.90
Wis	25.10	36.40	35.40	46.70	27.60	38.90	41.20	57.10
Wyo	26.30	40.50	38.30	58.00	35.90	54.70	42.80	71.70
U.S	24.30	35.80	37.30	51.70	34.40	48.50	36.90	59.10

See footnotes at the end of table.

Table 495.—Livestock: Average price per 100 pounds received by farmers, by States, 1977 and 1978—Continued

State	Hogs ³		Sheep		Lambs	
	1977	1978	1977	1978	1977	1978
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	38.30	45.10	14.00	.....	46.00	.....
Alaska	62.00	67.00	30.00	30.00	50.00	55.00
Ariz	42.00	50.40	11.70	16.50	51.90	62.30
Ark	37.80	46.00	11.50	.....	48.00	.....
Calif	41.00	48.30	10.70	16.70	50.10	60.90
Colo	38.70	46.50	13.80	21.00	53.40	63.30
Conn	37.00	45.00	28.00	37.00	72.00	84.00
Del	38.90	45.80	12.30	.....	48.40	.....
Fla	37.90	44.00	13.00	.....	40.00	.....
Ga	37.60	44.00	14.00	.....	46.00	.....
Hawaii	60.90	60.50	.....	.....	.....	.....
Idaho	38.00	44.00	13.80	15.50	49.80	60.80
Ill	39.20	46.40	11.50	14.30	45.90	55.90
Ind	40.60	46.40	11.40	16.60	46.10	54.30
Iowa	39.60	47.00	10.10	17.30	52.00	60.30
Kans	40.00	47.00	10.10	16.20	49.20	60.70
Ky	39.10	46.20	10.30	11.30	48.60	52.40
La	36.60	43.30	15.00	22.50	50.00	60.00
Maine	37.00	45.00	25.00	33.00	67.00	80.00
Md	38.90	46.10	12.30	15.80	48.00	56.70
Mass	37.00	45.00	29.00	38.00	72.00	84.00
Mich	40.50	47.60	13.80	20.30	51.60	62.10
Minn	39.10	46.70	14.30	20.90	52.70	64.00
Miss	39.60	46.80	14.00	.....	46.00	.....
Mo	39.70	46.80	11.30	16.40	50.70	59.90
Mont	37.50	44.80	11.50	18.20	50.70	67.10
Nebr	39.40	47.10	11.50	17.00	52.40	62.70
Nev	41.10	49.10	13.10	16.40	48.00	57.90
N.H	37.00	45.00	26.00	35.00	70.00	83.00
N.J	38.20	44.00	18.50	27.50	43.00	51.00
N. Mex	40.50	47.90	13.30	20.60	53.10	67.90
N.Y	38.00	44.90	13.90	15.70	48.70	62.70
N.C	39.10	46.70	14.00	20.00	36.00	44.50
N. Dak	38.10	45.30	10.30	15.50	49.50	61.60
Ohio	39.70	47.50	14.00	21.20	49.50	61.20
Okla	39.40	46.30	10.00	13.20	47.50	56.50
Oreg	38.10	46.30	11.40	16.70	49.80	61.40
Pa	39.10	46.30	14.30	19.80	48.30	70.00
R.I	37.00	45.00	28.00	.....	70.00	.....
S.C	38.10	45.10	14.00	.....	44.00	.....
S. Dak	39.80	47.40	12.80	17.00	52.80	63.00
Tenn	38.90	46.70	11.90	12.20	45.20	44.70
Tex	38.00	43.80	16.30	27.20	52.20	67.60
Utah	38.60	45.30	10.80	15.70	50.00	59.50
Vt	37.00	45.00	25.00	35.00	67.00	80.00
Va	38.70	45.50	11.80	21.00	48.00	61.00
Wash	38.30	48.40	9.40	11.80	50.20	62.40
W. Va	38.50	45.40	11.80	20.00	46.80	57.20
Wis	38.90	45.90	10.60	15.10	48.20	58.20
Wyo	38.30	44.80	12.90	27.80	52.30	67.90
U.S	39.40	46.60	13.40	21.70	51.30	62.70

¹Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement.²Weighted average of prices for cows, and for steers and heifers with allowance, where necessary, for sale of bulls for slaughter.³December of preceding year through November.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 496.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1964–78

Year	Sheep and lambs shorn ¹	Weight per fleece	Shorn wool production	Price per pound ²	Value of production ³	Pulled wool production	
						Average weight per skin	Total
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Pounds</i>	<i>1,000 Pounds</i>
1964	25,455	8.34	212,333	53.2	112,877	3.41	25,100
1965	23,756	8.48	201,463	47.1	94,999	3.37	23,300
1966	22,923	8.51	195,053	52.1	101,204	3.43	24,100
1967	22,056	8.57	188,984	39.8	75,177	3.44	22,400
1968	20,759	8.55	177,396	40.5	71,778	3.43	20,500
1969	19,584	8.46	165,749	41.8	69,516	3.46	17,100
1970	19,163	8.43	161,587	35.4	57,162	3.40	15,200
1971	19,036	8.41	160,156	19.6	31,416	3.46	12,000
1972	18,770	8.44	158,506	35.0	55,496	3.40	9,700
1973	17,425	8.25	143,738	82.7	118,839	3.49	8,000
1974	15,956	8.24	131,382	59.2	77,788	3.31	5,700
1975	14,403	8.30	119,535	44.7	53,505	3.35	5,300
1976	13,669	8.11	110,817	65.7	73,148	3.34	4,000
1977	13,214	8.11	107,159	72.0	77,147	3.30	1,700
1978 ⁴	12,540	8.08	101,277	74.5	75,443	3.15	550

Year	Total wool production	Apparel wool (clean content)				Carpet wool imports for consumption (clean content) ⁶
		Domestic production ⁵	Exports domestic wool	Imports for consumption ⁶	Total new supply ⁷	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	237,433	119,581	116	98,415	217,880	113,932
1965	224,763	113,084	⁸ 617	162,637	275,104	108,943
1966	219,153	110,609	86	162,537	273,060	114,625
1967	211,384	106,475	102	109,071	215,444	78,205
1968	197,896	99,563	543	129,717	228,737	119,599
1969	182,849	91,528	196	93,523	184,855	95,664
1970	176,787	88,158	200	79,810	167,768	73,325
1971	172,156	85,143	6,318	42,682	121,507	83,893
1972	168,206	82,678	11,224	24,790	96,244	71,849
1973	151,738	74,395	3,726	19,587	90,256	40,524
1974	137,082	66,824	4,271	11,800	75,107	15,148
1975	124,835	60,882	7,674	16,572	69,780	17,021
1976	114,817	55,776	1,130	38,387	93,033	19,076
1977	108,859	54,819	385	34,175	82,609	18,780
1978 ⁴	101,827	51,039	425	27,000	77,614	23,404

¹Includes sheep shorn at commercial feeding yards.

²Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.

³Production by States multiplied by annual average price.

⁴Preliminary.

⁵Conversion factors from grease basis to clean basis are as follows: Shorn wool production—47.7 percent from 1964 to 1976, and 50.0 percent for 1977–1978; pulled wool production—72.9 percent.

⁶Apparel wool includes all dutiable wool; carpet wool includes all duty-free wool.

⁷Production minus exports plus imports; stocks not taken into consideration.

⁸Beginning 1965, includes carpet wool exports.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Imports and exports from reports of the U.S. Department of Commerce.

Table 497.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1976-78

State	Sheep and lambs shorn ¹			Weight per fleece ³			Shorn wool production			Price per pound			Value of production ⁴	
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars
Ala.	3.1	3	2.9	6.5	6.2	9.7	20	19	(⁵)	55	65	(⁵)	11	12
Alaska	5.2	4.3	2.9	9.9	10.3	9.7	51	44	28	89	75	74	33	33
Ariz.	430	344	336	6.7	7.0	7.7	2,875	2,423	2,595	53	58	60	1,524	1,405
Ark.	4.5	4.6	(⁵)	7.5	7.2	(⁵)	34	33	(⁵)	51	71	(⁵)	17	21
Calif.	1,270	1,291	1,310	7.8	7.7	7.7	9,857	9,925	10,117	66	71	73	6,506	7,047
Colo.	1,090	1,200	1,007	7.8	7.3	7.6	8,538	8,809	7,689	58	70	73	5,806	6,166
Conn.	4.9	5.6	5.2	6.9	7.2	7.6	34	40	40	68	75	72	20	30
Del.	1.6	1.7	(⁵)	7.3	7.4	(⁵)	12	13	(⁵)	59	70	(⁵)	7	9
Fla.	3.6	3.6	(⁵)	5.0	5.3	(⁵)	18	19	(⁵)	61	60	(⁵)	11	11
Ga.	2.8	2.6	(⁵)	6.1	6.0	(⁵)	17	16	(⁵)	62	69	(⁵)	11	11
Idaho	520	489	489	10.7	10.8	10.2	5,562	5,281	4,999	63	63	74	3,504	3,644
Ill.	201	183	181	7.1	7.5	7.2	1,428	1,368	1,298	49	67	69	700	917
Ind.	182	182	172	7.6	7.6	7.5	1,377	1,386	1,293	43	62	64	592	859
Iowa	435	433	412	7.3	7.3	7.1	3,178	3,181	2,909	51	68	69	1,621	2,163
Kans.	192	221	219	7.7	7.7	7.4	1,483	1,702	1,612	61	67	69	905	1,140
Ky.	27	26	23	7.1	7.0	7.0	192	182	161	53	66	66	102	120
La.	13	13	13	6.2	6.6	6.3	81	86	82	49	60	60	40	52
Maine	10	10	11	6.8	7.0	6.9	68	70	76	55	74	74	37	52
Md.	17	17	7.1	7.1	7.2	7.2	121	122	130	61	72	75	74	88
Mass.	6.7	6.2	6.3	6.9	7.1	6.9	46	44	43	60	78	74	28	34
Mich.	137	143	128	7.9	7.8	8.1	1,077	1,111	1,040	51	67	67	549	744
Minn.	300	251	243	7.4	7.6	7.6	2,231	1,905	1,857	50	66	67	1,116	1,257
Miss.	5.2	4.8	(⁵)	5.0	5.2	(⁵)	26	25	(⁵)	54	66	(⁵)	14	17
Mo.	132	129	126	7.4	7.4	7.4	977	954	928	53	68	69	518	649
Mont.	493	460	415	9.6	9.7	10.1	4,749	4,442	4,173	73	75	81	3,467	3,332
Neb.	212	195	193	7.0	6.9	7.0	1,491	1,344	1,349	56	69	69	835	931
Nev.	120	110	102	10.2	10.2	10.4	1,224	1,122	1,061	69	63	69	845	707
N.H.	5.4	6.1	6.7	6.9	7.0	6.7	43	45	45	65	79	75	24	34
N.J.	8.0	8.2	7.4	6.5	6.8	7.0	52	56	52	57	72	74	30	38
N.Mex.	500	496	532	9.8	9.4	9.6	4,895	5,092	5,092	66	71	73	3,231	3,306
N.Y.	56	56	54	7.4	7.0	7.1	427	391	381	58	75	75	248	293
N.C.	9	8	7	6.5	6.4	6.4	59	51	45	68	74	72	40	38
N.Dak.	198	179	169	9.6	9.8	9.4	1,908	1,748	1,641	59	70	74	1,126	1,224
Ohio	448	416	365	7.7	7.8	7.6	3,438	3,263	2,769	53	67	67	1,822	2,186
Okla.	67	66	74	7.7	7.8	7.6	516	518	560	58	65	66	299	337
Oreg.	495	460	485	7.4	7.4	7.2	3,661	3,401	3,480	63	73	76	2,306	2,483
Pa.	100	92	74	7.1	7.1	7.1	710	653	525	60	72	76	426	470
R.I.	2.4	2.1	(⁵)	6.8	6.7	(⁵)	16	14	(⁵)	59	75	(⁵)	9	11
S.C.	1.1	1.3	(⁵)	6.1	6.0	(⁵)	7	8	(⁵)	61	64	(⁵)	4	5
S.Dak.	728	689	743	8.9	9.1	9.1	6,496	6,236	6,725	64	73	76	4,157	4,552
Tenn.	14	14	12	5.8	5.7	6.0	81	80	72	58	72	73	47	58
Tex.	3,100	2,930	2,700	7.1	7.2	6.9	22,000	21,000	18,500	79	82	83	17,380	17,220
Utah	529	539	465	10.3	10.4	10.3	5,428	5,581	4,770	65	64	70	3,528	3,572

Vt	5.7	6.2	1.3	7.4	6.8	7.6	42	42	55	64	74	76	27	31	42
Va	150	151	150	6.3	6.2	6.3	945	936	945	67	78	81	633	730	765
Wash	83	63	60	9.3	9.8	9.6	771	616	578	61	68	70	470	419	405
W. Va	110	116	114	6.2	5.9	5.8	682	684	661	64	79	81	436	540	535
Wis	81	82	77	7.4	7.8	7.6	596	636	584	55	67	68	328	426	397
Wyo. ⁶	1,158	1,100	1,025	9.7	9.9	10.1	11,283	10,880	10,317	68	71	75	7,672	7,725	7,738
U.S	13,669	13,214	12,540	8.11	8.11	8.08	110,817	107,159	101,277	766	772	775	73,148	77,147	75,443

¹ Includes shearing at commercial feeding yards.

² Preliminary.

³ For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.

⁴ Production multiplied by annual average price.

⁵ Estimates discontinued.

⁶ Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages.

⁷ U.S. average price per pound derived using unrounded value and production.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 498.—Wool: Production in specified countries, greasy basis, 1976–78¹

Continent and country	1976 ²	1977 ²	1978 ²	Continent and country	1976 ²	1977 ²	1978 ²
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Soviet Union	432.0	455.0	458.0
Canada ³	1.1	0.9	0.9	Africa:			
Mexico	3.7	3.6	3.6	Egypt	3.8	3.9	4.0
United States ⁴	53.8	49.9	46.4	Morocco	21.0	20.0	21.0
Total	58.6	54.5	50.9	South Africa ⁵	110.5	113.4	110.9
South America:				Total	135.3	137.3	135.9
Argentina	176.3	172.0	170.8	Asia:			
Brazil	30.3	26.9	30.0	India	32.0	33.1	34.2
Chile	21.2	22.1	22.2	Iran	33.3	33.9	34.3
Colombia	1.1	1.2	1.2	Iraq	18.0	18.2	18.5
Peru	9.0	8.7	8.7	Israel	.4	.4	.4
Uruguay	60.4	62.2	62.7	Outer Mongolia	21.2	21.2	21.2
Total	298.2	293.1	293.6	Pakistan	30.7	33.4	36.2
Europe:				China, Mainland	61.0	61.0	61.0
Belgium and Luxembourg	.9	.9	.9	Syria	13.0	13.8	13.8
Denmark	.2	.2	.2	Turkey	53.9	54.1	54.5
France	22.0	22.4	23.3	Total	263.6	269.1	274.1
Germany, Fed. Rep. of	4.5	4.6	4.6	Oceania:			
Ireland	9.2	9.1	8.7	Australia	702.7	677.4	695.4
Italy	12.1	12.8	13.0	New Zealand	302.5	310.8	316.5
Netherlands	2.4	2.4	2.4	Total	1,005.2	988.2	1,011.9
United Kingdom	49.9	48.0	50.1	World total ⁶	2,456.8	2,464.9	2,496.5
Total EC	101.1	100.4	103.2				
Austria	.6	.6	.6				
Greece	9.1	9.1	8.9				
Norway	4.4	4.7	4.8				
Portugal	9.8	9.7	9.9				
Spain	28.6	28.0	27.5				
Sweden	.8	.8	.8				
Switzerland	.8	.7	.8				
Total Western Europe	155.0	154.1	156.5				
Bulgaria	33.8	33.0	33.0				
Czechoslovakia	3.5	3.6	3.6				
German Dem. Rep.	10.6	10.4	10.6				
Hungary	8.6	9.9	10.8				
Poland	10.6	12.3	13.3				
Romania	32.0	34.7	35.0				
Yugoslavia	9.9	9.8	10.2				
Total Eastern Europe	108.9	113.6	116.4				
Total Europe	264.0	267.7	272.2				

¹Includes shorn wool, pulled wool, and wool exported on skins, with the latter two converted to a greasy basis. Wool produced in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere.

²Preliminary and subject to revision.

³Does not include pulled wool.

⁴Includes pulled wool converted to greasy basis using 1.7 as conversion factor.

⁵Includes Republic of South Africa, Lesotho, and Namibia (South-West Africa).

⁶Totals may not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 499.—Wool: Price-support operations, United States, 1964–78

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments ³		Amount of payments ⁴		
	Support	Season average received by producers	Average for shorn wool per pound ¹	Unshorn lambs per cwt. ²	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	62	53.2	8.8	35	198	1,240	16.7	3.6	20.3
1965	62	47.1	14.9	60	195	1,207	28.1	6.1	34.2
1966	65	52.1	12.9	52	170	1,201	21.1	5.1	26.2
1967	66	39.8	26.2	105	189	1,150	47.8	9.9	57.7
1968	67	40.5	26.5	106	176	1,114	44.8	9.6	54.4
1969	69	41.8	27.2	109	160	1,035	41.5	9.1	50.6
1970	72	35.5	36.5	146	149	1,005	52.0	12.0	64.0
1971	72	19.4	52.6	210	169	978	85.0	17.3	102.3
1972	72	35.0	37.0	148	158	957	55.8	11.8	67.6
1973	72	82.7							
1974	72	59.1	12.9	52	95	613	11.6	2.9	14.5
1975	72	44.7	27.3	109	135	571	35.1	5.7	40.8
1976	72	65.7	6.3	25	96	471	5.8	1.2	7.0
1977	99	72.0	27.0	108	91	444	23.4	4.4	27.8
1978	108	74.5	33.5	134					

¹ Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of shorn wool.

² For unshorn lambs sold.

³ Unadjusted for weight of unshorn lambs produced.

⁴ Payments for wool produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 500.—Wool: Average price per pound, clean basis, delivered to United States mills, 1964–78

Year	Territory ¹		Fleece % blood good French combing and staple ²	Australian 64's good topmaking (in bond, American yield)
	Fine good French combing and staple	% blood good French combing and staple		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	140	130	129	139
1965	125	121	119	116
1966	135	125	117	126
1967	122	98	91	115
1968	121	96	84	118
1969	122	96	86	117
1970 ³	103	89	87	94
1971	66	65	66	80
1972	116	94	93	132
1973	250	167	159	304
1974	176	126	119	217
1975	150	96	86	180
1976 ⁴	182	143	136	192
1977	183	161	158	202
1978	189	168	164	208

¹ Wool grown in the range areas of Oregon, Washington, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

² Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi river and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

³ Beginning January 1970 reported as Australia Type 62-64's.

⁴ Beginning January 1976, the unit designation terminology for wool prices changed to microns. For example, Fine good French combing and staple now reads as 64's (20.60-22.04 microns) Staple 2¾" and up French combing 2¼" - 2¾". For fleece % blood good French combing and staple, there are now two designations as follows: 56's (26.40-27.84 microns) and 58's (24.95-26.39 microns) staple 3¾" and up. An average of the two is given in the price data here.

Economics, Statistics, and Cooperatives Service — Economics.

Table 501.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1969–78¹

Item	1969 ²	1970	1971	1972	1973	1974	1975 ²	1976	1977	1978 ³
Apparel wool: ⁴										
Woolen system: ⁵	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
60's and finer	29.6	18.9	14.8	19.9	13.6	10.9	15.7	20.6	22.3	24.4
50's up to 60's ⁶	44.0	28.8	21.7	26.7	24.7	18.9	25.3	29.2	28.3	28.6
48's and coarser	6.3	5.2	3.9	3.6	3.4	3.2	...	...	...	...
Total	79.9	52.9	40.4	50.2	41.7	33.0	41.0	49.8	48.6	53.0
Worsted system:										
60's and finer	82.5	51.6	37.7	54.6	40.2	23.8	34.1	34.9	27.3	32.7
Coarser than 60's	56.7	59.0	38.1	37.4	28.0	18.0	19.0	21.9	19.6	16.5
Total	139.2	110.6	75.8	92.0	68.2	41.8	53.1	56.8	46.9	49.2
Total apparel:										
60's and finer	112.1	70.5	52.5	74.5	53.8	34.8	49.8	55.5	49.6	57.1
Coarser than 60's	107.0	93.0	63.7	67.7	56.1	40.1	44.3	51.1	45.9	45.1
Total	219.1	163.5	116.2	142.2	109.9	74.9	94.1	106.6	95.5	102.2
Carpet wool ⁷	93.8	76.6	75.2	76.4	41.4	18.6	15.9	15.1	12.5	13.0

¹ Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production.

² 53 weeks.

³ Preliminary.

⁴ Domestic and duty-paid foreign.

⁵ Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

⁶ Beginning 1975, 50's up to 60's and 48's and coarser combined.

⁷ Duty-free foreign.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 502.—Wool: United States imports (for consumption), clean content, by grades, 1969–78¹

Grade	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978 ²
Dutiable: ³	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
56's and finer ⁴	69.7	49.4	30.7	21.4	15.7	8.1	13.7	32.7	27.1	19.8
46's to 56's ⁵	12.5	18.2	7.1	1.1	1.0	.9	.6	1.6	3.2	7.2
40's to 46's ⁶	3.3	4.2	1.5	.9	.7	.9	.6	.8	.8	...
Not finer than 40's	7.2	7.4	3.2	1.2	1.9	1.8	1.6	3.1	2.9	...
Named and similar wools . . . . .	.8	.6	.2	.2	.3	.1	.1	.1	.2	...
Total	93.5	79.8	42.7	24.8	19.6	11.8	16.6	38.3	34.2	27.0
Duty-free: ³										
Named and similar wools	11.2	8.9	6.2	7.9	5.7	.5	.9	1.1	1.1	1.6
Other										
Not finer than 40's	53.4	44.1	53.3	43.3	26.9	10.3	13.1	14.7	13.9	12.8
40's to 44's	23.4	18.1	22.7	16.9	6.9	3.4	2.3	2.3	3.1	4.7
44's to 46's ⁷	7.7	2.2	1.7	3.7	1.1	.9	.7	1.0	.7	4.3
Total	95.7	73.3	83.9	71.8	40.6	15.1	17.0	19.1	18.8	23.4

¹ Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition. ² Preliminary. ³ Beginning November 1977 duty-free wools include and are limited to all 46's and coarser grades of wool by Public Law 95-162. Beginning January 1978 Bureau of Census data combined duty-free 46's and dutiable 48's wools. In recent years prior to the combination, imports of 48's were negligible compared with 46's.

⁴ Finer than 58's beginning in 1978. ⁵ 50's through 58's beginning in 1978. ⁶ Beginning in November 1977 duties were suspended through June 30, 1980. ⁷ Beginning in 1978 through June 30, 1980 the totals include all wools grading 48's and coarser except for named wools.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 503.—Wool (actual weight): International trade, 1976–78

Country	1976 ¹		1977 ¹		1978 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:						
Canada	0.4	4.1	0.4	3.8	0.4	3.6
Mexico .....	.....	4.5	.....	3.5	.....	3.0
United States	2.5	33.8	2.2	30.3	2.2	28.5
Total ³ .....	.9	42.4	.6	37.6	.6	35.1
South America:						
Argentina	81.2	.....	99.1	.....	81.4	.....
Brazil	8.7	1.0	6.8	.2	7.5	.2
Chile	7.0	1.0	12.0	1.0	7.0	1.0
Peru .....	.7	.....	.5	2.8	.5	.....
Uruguay	23.8	.....	32.7	.....	40.0	.....
Total ³	121.4	2.0	151.1	4.0	136.4	1.2
Europe:						
Belgium-Luxembourg	10.5	63.0	8.2	46.7	7.0	45.0
Denmark .....	.2	3.6	.2	3.2	.2	3.0
France	38.8	165.2	32.3	117.4	30.0	115.0
Germany, Fed. Rep. of	7.4	99.3	7.0	76.4	7.0	80.0
Ireland	10.3	8.0	6.2	8.7	10.0	8.0
Italy	5.4	107.9	5.0	87.6	5.0	100.0
Netherlands	5.3	13.3	4.2	7.5	4.0	7.0
United Kingdom	19.0	162.0	21.0	136.6	18.0	140.0
Total EC	96.9	622.3	84.1	484.1	81.2	498.0
Austria .....	.2	3.5	.3	3.8	.4	3.8
Finland .....	.....	1.2	.....	1.2	.....	1.2
Greece .....	.8	13.6	.5	15.0	.5	16.0
Norway	1.8	1.0	1.5	1.0	1.3	1.0
Portugal .....	.4	6.0	.1	5.7	.1	5.0
Spain	10.5	25.0	10.3	23.9	13.0	26.0
Sweden .....	.7	1.4	1.0	1.5	1.0	1.0
Switzerland .....	.8	7.2	.6	7.3	.6	7.1
Total Western Europe ³	112.1	681.2	98.4	545.5	98.1	559.1
Bulgaria	2.5	.7	.5	.7	.5	.7
Czechoslovakia .....	.8	18.0	.8	17.7	.8	18.0
German Dem. Rep .....	.....	13.4	.....	14.5	.....	14.5
Hungary .....	.5	2.8	.6	2.9	.6	2.9
Poland .....	.....	20.7	.....	17.2	.....	18.0
Romania .....	.1	4.1	.1	3.8	.1	3.0
Yugoslavia	1.1	13.6	.3	23.3	1.5	15.0
Total Eastern Europe ³	5.0	73.3	2.3	80.1	3.5	72.1
Total Europe ³	117.1	754.5	100.7	623.6	101.6	631.2
Soviet Union	2.1	109.6	2.5	111.6	3.0	110.0
Africa:						
Egypt	1.2	7.0	1.2	10.5	.8	9.0
Morocco .....	.....	4.0	.....	3.4	.....	4.0
South Africa ⁴	78.0	1.0	73.6	.6	75.0	.6
Total	79.2	12.0	74.8	14.5	75.8	13.6

See footnotes at end of table.

Table 503.—Wool (actual weight): International trade, 1976–78—Continued

Country	1976 ¹		1977 ¹		1978 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Asia:						
Mongolia	11.1	.....	11.0	.....	11.0	.....
China: Mainland	5.1	7.3	3.0	5.0	3.0	5.0
Taiwan .....	.7	17.9	1.1	13.9	1.0	17.0
India	4.9	12.0	4.0	12.0	4.0	10.0
Iran .....	.2	23.5	.2	22.0	.2	22.5
Iraq	1.3	.8	1.3	.8	1.3	.8
Israel .....	.....	2.8	.....	2.5	.....	2.1
Japan .....	.1	269.8	.....	214.4	.1	200.0
Korea, Rep. of .....	.....	15.3	.....	17.3	.....	21.6
Pakistan	4.4	.4	5.0	.8	5.0	.5
Syria	6.2	4.0	6.5	4.0	6.5	4.0
Turkey .....	.....	11.3	.....	14.8	.....	12.0
Total Asia ³	34.0	365.1	32.1	307.5	32.1	295.5
Oceania:						
Australia ⁵	728.7	8.6	539.5	7.9	621.5	7.0
New Zealand ⁵	253.9	1.0	242.9	1.1	250.0	1.1
Total Oceania	982.6	9.6	782.4	9.0	871.5	8.1
Total selected countries ³	1,337.3	1,295.2	1,144.2	1,107.8	1,221.0	1,094.7

¹ Preliminary and subject to revision.² Washed, scoured, or clean basis.³ Includes allowances for missing data for countries shown and data for minor exporting and importing countries not shown.⁴ Includes exports from Namibia (South-West Africa) and Lesotho.⁵ Excludes wool on the skins, and re-exports where possible; imports in most cases refer to gross imports.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 504.—Wool: United States imports (for consumption), clean content, by country of origin, 1969–78¹

Country of origin	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978 ²
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Dutiable:										
Argentina	3.7	4.1	1.8	0.3	1.2	1.0	1.5	4.3	4.0	3.2
Australia	50.5	32.2	23.4	16.7	9.4	5.8	11.9	28.4	23.3	21.2
New Zealand	17.6	16.7	6.6	2.7	3.1	3.3	2.1	4.2	4.8	1.6
South Africa	10.4	9.1	4.3	4.1	3.4	1.1	.7	.5	1.0	.3
Uruguay	7.3	11.2	4.1	.1	.2	.2	.1	.1	.4	.3
Other	4.0	6.5	2.5	.9	.7	.4	.3	.7	.7	.4
Total	93.5	79.8	42.7	24.8	18.0	11.8	16.6	38.2	34.2	27.0
Duty-free:										
Argentina	20.5	16.1	13.6	9.4	3.2	.6	1.7	1.7	1.9	3.2
Iraq .....	.1	.6	.6	1.9	1.3	.4	.1	.6	.6	.4
New Zealand	52.8	42.0	53.4	45.0	28.3	12.3	11.6	12.8	13.1	16.2
Pakistan	3.3	.9	.4	.3	.4	.....	.....	.....	.....	.....
Syria	1.3	.9	.7	1.5	1.5	.....	.3	.6	.6	.7
United Kingdom	7.0	4.6	8.5	7.9	3.5	1.7	2.5	2.3	1.9	2.1
Other	10.7	8.2	6.7	5.8	2.3	.1	.8	.9	.7	.8
Total	95.7	73.3	83.9	71.8	40.5	15.1	17.0	18.9	18.8	23.4
Grand total	189.2	153.1	126.6	96.6	58.5	26.9	33.6	57.1	53.0	50.4

¹ Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.² Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 505.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1964-78¹

Year	Goats clipped ²	Average clip per goat	Mohair production	Price per pound	Value of production ³	Year	Goats clipped ²	Average clip per goat	Mohair production	Price per pound	Value of production ³
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	4,568	6.5	29,736	94.3	28,053	1972	1,521	6.7	10,190	83.0	8,458
1965	4,803	6.7	32,420	65.5	21,251	1973	1,450	6.8	9,930	187.0	18,569
1966	4,659	6.3	29,576	53.7	15,896	1974	1,175	7.1	8,400	137.0	11,508
1967	4,113	6.6	27,127	40.9	11,100	1975	1,215	7.1	8,600	185.0	15,910
1968	3,966	6.6	26,022	45.2	11,754	1976	1,100	7.4	8,100	287.0	24,057
1969	3,174	6.6	20,810	65.1	13,549	1977	1,215	6.5	8,000	287.0	22,960
1970	2,891	6.5	18,677	39.1	7,299	1978	1,188	6.8	8,100	459.0	37,179
1971	2,189	6.8	14,885	30.1	4,480						

¹Includes Arizona, California, Missouri, New Mexico, Texas, Oregon, and Utah, 1964-70; beginning 1971, Texas only.

²In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

³Production multiplied by price per pound.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 506.—Mohair: Price-support operations, United States, 1964-78

Marketing year	Price per pound		Average payment rate per pound ¹	Marketing coverings covered by payments	Amount of payments ²
	Support	Season average received by producers			
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million dollars</i>
1964	72	94.3	.....	.....	.....
1965	72	65.5	6.5	29.7	2.0
1966	75.8	53.7	22.1	29.1	6.5
1967	76.4	40.9	35.5	32.1	11.5
1968	77.4	45.2	32.2	33.0	10.6
1969	77.4	65.1	12.3	15.9	2.0
1970	80.2	39.1	41.1	19.1	7.8
1971	80.2	30.1	50.1	20.0	10.0
1972	80.2	81.4	.....	.....	.....
1973	80.2	187.0	.....	.....	.....
1974	80.2	137.0	.....	.....	.....
1975	80.2	185.0	.....	.....	.....
1976	80.2	297.0	.....	.....	.....
1977	149.8	287.0	.....	.....	.....
1978	164.7	459.0	.....	.....	.....

¹Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of mohair.

²Payments for mohair produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 507. — Red meat and lard: Production, by class of slaughter, United States, 1964–78

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total ¹			Federally inspected	Other	Total ¹		
1964 1965 1966 ² 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	Beef					Pork, excluding lard				
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
	15,103	2,934	18,037	392	18,429	10,445	1,574	12,019	484	12,503
	15,421	2,904	18,325	374	18,699	9,331	1,405	10,736	396	11,132
	16,220	3,272	19,493	201	19,694	9,662	1,468	11,130	198	11,328
	16,829	3,162	19,991	193	20,184	10,750	1,627	12,377	195	12,572
	17,850	2,812	20,662	184	20,846	11,330	1,536	12,867	188	13,055
	18,474	2,486	20,960	166	21,126	11,563	1,211	12,774	172	12,946
	19,152	2,320	21,472	180	21,652	12,114	1,134	13,248	181	13,429
	19,373	2,324	21,697	171	21,868	13,452	1,155	14,606	177	14,783
	20,241	1,978	22,218	169	22,387	12,551	908	13,460	171	13,631
	19,294	1,794	21,088	189	21,277	11,879	699	12,578	173	12,751
	20,937	1,907	22,844	294	23,138	12,856	727	13,583	222	13,805
	21,626	2,045	23,671	303	23,974	10,733	581	11,314	189	11,503
	23,726	1,941	25,667	302	25,969	11,699	519	12,219	196	12,415
	23,364	1,622	24,986	293	25,279	12,518	533	13,051	196	13,247
	22,623	1,387	24,010	232	24,242	12,689	520	13,209	184	13,393
1964 1965 1966 ² 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	Veal					Lamb and mutton				
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
	550	378	928	85	1,013	624	79	703	12	715
	572	364	936	84	1,020	576	63	639	12	651
	490	372	862	48	910	581	58	639	11	650
	423	326	749	43	792	574	62	636	10	646
	420	276	696	38	734	545	47	592	10	602
	400	241	640	33	673	510	30	540	10	550
	337	220	558	30	588	514	26	540	11	551
	324	192	516	30	546	522	22	544	11	555
	283	146	429	30	459	515	19	533	10	543
	210	115	325	32	357	486	17	504	10	514
	285	157	442	44	486	440	14	454	11	465
	494	333	827	46	873	385	14	399	11	410
	563	250	813	40	853	349	12	361	10	371
	569	225	794	40	834	330	11	341	10	351
	447	153	600	32	632	290	10	300	9	309
1964 1965 1966 ² 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	All meat, excluding lard					Lard				
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
	26,722	4,965	31,687	973	32,660	2,153	235	2,388	85	2,473
	25,900	4,736	30,636	866	31,502	1,772	208	1,980	65	2,045
	26,953	5,170	32,124	458	32,582	1,695	202	1,897	32	1,929
	28,576	5,177	33,753	441	34,194	1,835	208	2,044	32	2,076
	30,145	4,671	34,817	420	35,237	1,862	169	2,032	30	2,062
	30,947	3,968	34,914	381	35,295	1,755	125	1,879	25	1,905
	32,117	3,700	35,818	402	36,220	1,776	112	1,888	25	1,913
	33,671	3,693	37,363	389	37,752	1,830	106	1,936	24	1,960
	33,590	3,051	36,640	380	37,020	1,465	77	1,541	20	1,561
	31,869	2,625	34,495	404	34,899	1,181	54	1,235	18	1,253
	34,518	2,805	37,323	571	37,894	1,289	55	1,344	22	1,366
	33,238	2,973	36,211	549	36,760	956	39	995	17	1,012
	36,337	2,722	39,060	548	39,608	1,010	34	1,044	17	1,061
	36,781	2,391	39,172	539	39,711	994	27	1,021	16	1,037
	36,049	2,070	38,119	457	38,576	968	23	991	15	1,006

¹ Totals are based on unrounded data.² Beginning 1966, custom slaughter in plants for farmers is included in commercial meat production, and excluded from farm meat production.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 508.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, 1978¹

Product	1978	Product	1978
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Cured:		Convenience foods (frozen and/or unfrozen):	
Beef	318,045	Pizza	484,721
Pork	4,219,419	Pies	178,300
Other meats	22,527	Dinners	261,783
Smoked dried, or cooked:		Entrees	364,422
Bacon	1,562,324	Other	276,541
Hams	1,597,751	Miscellaneous meat products:	
Pork	534,614	Cured meat loaves	94,891
Beef	300,050	Non-specific loaves	186,930
Other smoked	284,667	Meat patties	416,730
Fresh/frozen products:		Other formulated products	176,036
Beef cuts	10,510,284	Horse and equine product	29,017
Pork cuts	11,298,976	Animal food	173
Other cuts	533,085		
Beef, boned	6,932,173	Total	58,388,292
Pork, boned	2,871,411		
Other, boned	278,036	Fats and oils:	
Steaks, chops, roasts (chopped/formed)	3,550,941	Lard, rendered	968,162
Hamburger/ground beef	2,863,154	Lard, refined	652,466
Other, fresh/frozen	711,888	Tallow, edible	1,494,360
Sausage:		Compound containing animal fat	984,725
Fresh	979,027	Oleomargarine containing animal fat	115,891
Uncooked cured	12,192		
Dried/semi-dried	329,330	Total	4,215,604
Frankfurters/wieners	1,509,294		
Bologna	804,826	Total all products	62,603,896
Liver sausage and braunschweiger	132,027		
Other	746,091		
Sliced/packaged product:			
Sausage, loaves, luncheon meat	988,563		
Ham	270,427		
Bacon	1,417,688		
Other	339,938		

¹Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Quality Service.

Table 509.—Canned meat products: Quantity produced under Federal inspection, United States, 1978¹

Product	1978	Product	1978
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Luncheon meat	278,573	Byproducts, other than pickled	4,613
Canned hams	271,990	Miscellaneous sausage product	28,181
Hash products	84,984	Corned beef	1,872
Chili con carne	335,719	Soups	789,291
Viennas	116,038	Pork shoulder picnics and loins	15,668
Frankfurters and wieners	2,666	All other meat and/or meat byproducts, 20% or more meat	175,590
Devised ham	15,350	All other meat and/or meat byproducts, under 20% meat	314,603
Potted meat food products and spreads	45,677	Horse and equine product	42,075
Tamales	29,862	Animal food	313,107
Sliced dried beef	4,811		
Chopped beef, hamburgers	8,275	Total	3,480,769
Meat stew	156,099		
Pasta meat product	426,363		
Vinegar-pickled products	19,362		

¹Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Quality Service.

Table 510.—Meat: Production by types in specified countries, 1977 and 1978¹

Continent and country	Beef and veal		Pork ³		Mutton, lamb, and goat meat		Total meat production ⁴	
	1977	1978 ²	1977	1978 ²	1977	1978 ²	1977	1978 ²
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:								
Canada ⁵	1,142.9	1,045.0	538.9	620.0	5.4	4.5	1,702.2	1,685.3
Costa Rica	74.4	81.0	6.5	6.9			80.9	87.9
Dominican Republic	35.7	37.5	22.5	22.7			58.2	60.2
El Salvador	29.4	35.7	11.6	12.0			41.1	47.7
Guatemala	79.6	90.9	9.0	9.3	.3	.3	88.9	100.4
Honduras	43.7	50.8	9.9	10.1			53.6	60.9
Mexico	974.0	1,054.0	428.0	440.0	55.0	55.0	1,467.0	1,559.0
Nicaragua	71.3	85.1	15.6	15.9			86.9	101.0
Panama	49.0	49.2	4.9	5.5			53.9	54.7
United States	11,844.8	11,282.8	6,008.8	6,075.0	159.2	140.2	18,012.8	17,498.0
Total ⁶	14,344.8	13,811.8	7,055.8	7,217.4	219.9	199.9	21,645.5	21,254.9
South America:								
Argentina ⁵	2,899.7	3,192.0	238.3	220.0	134.3	130.6	3,310.1	3,585.9
Brazil ⁵	2,400.0	2,250.0	834.0	850.0	51.3	44.4	3,320.5	3,192.1
Chile ⁷	193.4	184.0	31.8	38.0	23.6	21.5	253.9	251.2
Colombia	471.5	495.0	105.0	116.0	9.8	10.2	586.3	621.2
Ecuador	64.0	67.8	35.0	38.5	9.4	10.1	108.4	116.4
Peru	81.0	85.0	52.0	52.0	32.5	33.1	165.5	168.1
Uruguay	363.3	353.9	14.2	15.9	26.5	35.5	404.8	406.3
Venezuela	272.7	281.9	90.1	91.4	3.2	3.5	366.0	376.7
Total ⁶	6,745.6	6,907.5	1,400.3	1,421.7	290.5	288.9	8,515.4	8,717.8
Europe:								
Belgium and Luxembourg	285.0	280.0	625.0	670.0	3.1	3.1	919.9	958.7
Denmark	242.7	238.0	744.1	810.0	.5	.5	988.9	1,050.1
France	1,651.5	1,651.0	1,535.4	1,610.0	153.5	156.4	3,386.4	3,461.4
Germany, Fed. Rep. of	1,371.0	1,440.0	2,483.0	2,615.0	26.0	27.0	3,887.0	4,089.0
Ireland	384.4	385.0	127.8	134.0	39.2	40.0	554.6	562.1
Italy	1,051.9	1,012.0	854.1	900.0	50.3	50.5	2,010.8	2,017.9
Netherlands	367.9	350.0	913.7	1,007.5	15.1	15.0	1,301.5	1,376.8
United Kingdom	1,036.0	1,010.0	938.0	896.0	229.0	230.0	2,203.0	2,136.0
Total EC ⁶	6,390.4	6,366.0	8,221.1	8,642.5	516.7	522.5	15,252.1	15,651.9
Austria ⁸	173.0	185.0	339.8	338.0	2.0	2.0	515.3	525.5
Finland	106.1	106.0	140.2	154.4	1.0	1.0	248.6	262.5
Greece	108.0	104.0	117.0	123.0	118.0	118.0	343.0	345.0
Norway	67.3	71.4	79.7	77.3	17.8	18.9	165.8	168.3
Portugal	74.0	102.6	140.1	158.4	23.0	23.1	237.8	284.8
Spain	430.8	435.0	734.5	800.0	144.2	148.6	1,314.3	1,388.4
Sweden	148.1	147.8	303.6	306.4	5.0	4.9	459.5	461.9
Switzerland	149.7	151.0	262.2	266.8	4.1	4.0	417.5	423.2
Total Western Europe ⁶	7,647.4	7,668.8	10,338.1	10,866.8	831.9	842.8	18,953.8	19,511.5
Bulgaria	103.5	105.0	235.0	233.0	83.6	77.0	422.1	415.0
Czechoslovakia	340.0	345.0	476.5	480.0	6.0	7.0	823.5	833.0
German Dem. Rep.	351.5	359.0	770.5	750.0	14.0	13.0	1,136.0	1,122.0
Hungary	132.5	134.0	461.0	465.0	9.5	9.6	604.5	610.1
Poland	739.1	711.0	1,548.4	1,771.0	23.5	36.9	2,366.5	2,577.4
Yugoslavia	333.0	340.0	500.0	560.0	57.0	57.0	890.4	957.4
Total Eastern Europe ⁶	1,999.6	1,994.0	3,991.4	4,259.0	193.6	200.5	6,242.9	6,514.8
Total Europe ⁶	9,647.0	9,662.8	14,329.5	15,125.8	1,025.4	1,043.3	25,196.7	26,026.3
Soviet Union	6,900.0	6,940.0	5,000.0	5,050.0	900.0	910.0	12,800.0	12,900.0
Africa:								
South Africa	543.7	556.6	85.0	86.4	164.2	172.4	792.9	815.4
Morocco	75.2	76.1	.8	.8	57.2	58.5	137.1	139.3
Total ⁶	618.9	632.6	85.8	87.1	221.3	231.0	930.0	954.7

See footnotes at end of table.

Table 510. — Meat: Production by types in specified countries, 1977 and 1978¹ — Continued

Continent and country	Beef and veal		Pork ³		Mutton, lamb, and goat meat		Total meat production ⁴	
	1977	1978 ²	1977	1978 ²	1977	1978 ²	1977	1978 ²
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Asia:								
China, Taiwan	14.0	13.0	510.0	510.0	1.7	1.9	525.7	524.9
India	189.4	191.2	62.9	66.2	358.9	364.1	611.2	621.5
Iran	80.0	80.0	1.5	1.5	383.0	377.0	464.5	458.5
Israel	24.8	24.3	9.6	9.0	3.9	3.8	38.3	37.1
Japan	361.2	405.0	1,169.0	1,285.0	.2	.2	1,536.4	1,694.9
Korea, Rep. of	77.2	92.3	141.3	180.0	1.2	1.2	219.7	273.5
Philippines	114.4	116.1	288.6	315.6	5.9	5.9	409.4	438.2
Turkey	199.4	200.0	.4	.4	351.7	354.0	554.6	557.4
Total ⁶	1,060.5	1,121.9	2,183.3	2,367.7	1,106.5	1,108.0	4,359.8	4,605.8
Oceania:								
Australia	2,124.4	2,091.8	190.9	198.7	539.4	491.3	2,854.7	2,781.8
New Zealand	557.7	548.6	39.0	42.5	497.7	497.7	1,094.4	1,088.8
Total ⁶	2,682.1	2,640.5	229.9	241.2	1,037.1	989.0	3,949.1	3,870.6
Total selected countries ⁶	41,998.9	41,717.1	30,284.6	31,510.9	4,800.6	4,769.9	77,396.5	78,330.1

¹ Carcass weight basis; excludes offals, rabbit, and poultry meat.² Preliminary.³ Includes edible pork fat, but excludes lard and inedible greases (except United States).⁴ Includes horse meat.⁵ Horse meat production based on export data.⁶ May not add due to rounding.⁷ Excludes farm slaughter.⁸ Includes offals.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 511. — Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1977 and 1978

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1977 ¹	1978 ¹	1977 ¹	1978 ¹	1977 ¹	1978 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	474,572	314,021	196,968	174,003	14,131	9,261
February	475,436	318,377	203,367	172,356	13,884	8,628
March	472,866	357,229	224,726	215,836	11,813	7,947
April	472,048	376,034	264,600	281,695	12,771	9,176
May	447,376	388,214	269,902	280,551	14,583	10,149
June	412,590	372,314	227,916	260,191	14,381	10,011
July	373,973	336,545	178,912	219,893	13,848	11,891
August	350,139	315,708	145,456	178,716	13,567	11,259
September	345,832	332,222	158,497	177,826	11,630	11,323
October	301,053	348,436	165,966	207,118	10,097	12,200
November	291,466	388,177	208,502	245,178	9,356	11,804
December	315,555	405,351	185,854	241,806	10,096	11,716

¹ Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 512.—Meat: United States exports by type of product, 1964–78

Year	Beef and veal				Pork						Sausage, bologna, and frankfurters	Variety meats, fresh or frozen ¹	Other meats ²	Total ³
	Fresh or frozen	Canned	Pickled or cured	Goat, lamb and mutton, fresh or frozen	Fresh or frozen	Hams and shoulders, cured or cooked	Bacon	Other pork, pickled, salted, or otherwise cured	Ham and shoulders, canned	Other pork, canned				
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	16,033	1,167	8,766	568	43,617	4,426	2,689	8,113	616	862	2,197	104,979	1,271	195,304
1965	15,309	(⁴)	4,555	533	12,173	2,703	2,353	3,115	(⁵)	1,272	1,776	101,210	5,372	150,371
1966	8,156	4,922	729	13,431	2,757	2,399	3,117	1,377	1,615	96,732	5,302	140,538	5,813	146,194
1967	8,076	6,109	831	13,924	2,116	2,164	3,358	1,368	1,593	100,842	5,758	161,625	5,912	194,956
1968	7,134	5,127	863	28,342	1,802	2,016	5,299	1,145	1,970	102,170	5,435	157,482	5,605	182,571
1969	7,609	4,048	650	55,155	3,923	1,618	4,153	978	2,150	108,761	5,474	191,798	7,176	247,164
1970	8,550	4,728	486	18,887	2,884	1,389	3,514	1,080	1,876	108,652	9,017	212,612	5,660	254,237
1971	13,900	5,170	591	20,543	1,450	1,033	5,400	1,199	1,820	125,861	7,663	357,890	8,198	353,106
1972	19,625	4,033	588	36,798	1,526	1,531	3,933	1,243	1,809	115,238	6,801	352,847		
1973	32,380	3,509	787	65,071	2,768	1,015	2,857	1,178	2,562	127,860				
1974	21,292	1,658	1,153	35,289	3,014	797	2,920	902	2,351	134,220				
1975	20,364	329	1,305	82,028	4,155	575	3,709	686	2,237	133,188				
1976	36,093	462	1,403	128,895	3,041	1,028	3,422	1,114	2,523	172,246				
1977	40,982	517	1,755	116,282	2,941	1,216	2,919	1,810	3,426	173,060				
1978 ⁶	51,462	2,296	1,263	1,375	84,120	3,934	1,655	7,524	2,932	3,653				

¹Edible animal organs.²Include sausage ingredients, cured (excluding canned); meat and meat products, canned (n.e.s.); and baby food, canned.³May not add due to rounding.⁴Included in "Other meats," 1965–77.⁵Included in "Other pork, canned," beginning 1965.⁶Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 513.—Meat: United States imports of meat subject to Public Law 88–482 (Meat Import Act), by country of origin, 1973–78¹

Country of origin	1973	1974	1975	1976 ²	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada	55,269	36,540	21,159	80,358	78,15	61,297
Mexico	67,253	40,418	29,763	52,000	60,095	62,568
Belize	188	79	20	430	430	60
Guatemala	38,504	29,528	33,426	34,300	32,347	32,121
El Salvador	9,322	12,761	5,440	10,427	3,545	7,987
Honduras	40,064	29,400	35,447	35,800	40,746	46,540
Nicaragua	54,806	32,689	47,654	48,900	50,386	64,691
Costa Rica	47,814	60,130	60,492	53,700	50,053	68,118
Panama	2,127	2,941	3,003	2,600	2,766	534
Haiti	2,060	1,699	1,559	1,900	1,262	2,484
Dominican Republic	16,155	14,319	8,607	14,086	2,089	2,212
Iceland					92	
Ireland	21,796	44,013	6,803	4,094		
United Kingdom	236	1,887	752			
Australia	708,663	512,988	679,405	632,200	653,572	806,000
New Zealand	291,303	259,752	275,373	259,800	265,406	330,858
Other				³ 1,548	⁴ 1,310	
Total ⁵	1,355,561	1,079,142	1,208,904	1,231,713	1,250,214	1,485,470

¹Fresh, frozen, and chilled beef, veal, mutton, and goat (Tariff Schedule of United States, items 106.10 and 106.20). Includes meat rejected under Animal and Plant Health Inspection Service meat and poultry inspection program through 1974. Excludes canned meat and other prepared or preserved meat products.²Beginning 1976, The Customs Service supplied data used in monitoring The Meat Import Law.³Reflects 1,548,000 lbs. of beef erroneously charged to Panama.⁴Reflects meat that entered Foreign Trade Zone and possessions and territories prior to Jan. 1, 1977.⁵May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 514. —Meat: United States imports, products weight basis, by country of origin, 1978

Country of origin	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p. ⁵	Variety meats, fresh or frozen	Total
	Fresh or frozen ¹	Canned, including sausage	Other prepared or preserved ²		Fresh and frozen	Canned ³	Other prepared or preserved ²	Sausage, all types ⁴				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Argentina	366,140	28,636	19,740	3,832	114	16	14	1	76	166	556	48,376
Australia	1,857	225	1,857	3,832	27,762	212	558	1,293	798	11	1,552	372,920
Brazil	28,701	12,861	5,959	6	27,762	212	558	1,293	798	11	1,552	18,820
Canada	28,443	1	33	6	27,762	212	558	1,293	798	11	1,552	60,927
Costa Rica	28,443	1	33	6	27,762	212	558	1,293	798	11	1,552	28,443
Denmark	812	3,833	805	4	27,762	40,507	86	676	863	2,598	1	45,535
Dominican Republic	3,833	3,833	805	4	27,762	40,507	86	676	863	2,598	1	45,535
El Salvador	13,438	12	6	154	27,762	742	24	1	76	70	1	816
Germany, Fed. Rep. of	896	12	6	154	27,762	742	24	1	76	70	1	3833
Guatemala	19,485	12	6	154	27,762	742	24	1	76	70	1	913
Haiti	4	12	6	154	27,762	742	24	1	76	70	1	13,444
Honduras	4	12	6	154	27,762	742	24	1	76	70	1	1,057
Hungary	4	12	6	154	27,762	742	24	1	76	70	1	19,528
Ireland	28,700	91	33	13,416	15	50	387	9	1	2	130	8,155
Mexico	153,598	91	196	13,416	15	50	387	9	1	2	130	910
New Zealand	31,104	302	13	13,416	15	50	387	9	1	2	130	28,800
Netherlands	31,104	302	13	13,416	15	50	387	9	1	2	130	47
Nicaragua	302	3,613	13	13,416	15	50	387	9	1	2	130	64
Panama	302	3,613	13	13,416	15	50	387	9	1	2	130	167,886
Paraguay	302	3,613	13	13,416	15	50	387	9	1	2	130	9,282
Poland	133	133	29	35	15	50	387	9	1	2	130	31,106
Romania	17	1,219	6	35	15	50	387	9	1	2	130	1
Sweden	17	1,219	6	35	15	50	387	9	1	2	130	302
Switzerland	17	1,219	6	35	15	50	387	9	1	2	130	3,613
United Kingdom	17	1,219	6	35	15	50	387	9	1	2	130	38,972
Yugoslavia	17	1,219	6	35	15	50	387	9	1	2	130	7,404
Other	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	19,802
Total ⁶	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	4,462

¹ Includes prepared items.² Includes pickled and cured.³ Includes canned hams, shoulders, and bacon.⁴ Fresh and cured sausage.⁵ Mostly mixed luncheon meats.⁶ May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 515.—Meat: United States imports by type of product, 1964–78

Year	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p.f. (5)	Variety meats, fresh or frozen	Total (6)
	Fresh or frozen (1)	Canned, including sausage	Other prepared or preserved (2)		Fresh and frozen	Canned (3)	Other prepared or preserved (2)	Sausage, all types (4)				
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	320,447	37,908	4,700	20,295	17,775	74,050	2,831	882	2,059	3,106	802	484,857
1965	265,573	42,073	10,304	19,261	21,760	93,157	3,153	904	2,283	5,401	1,017	464,888
1966	346,929	42,449	15,808	34,217	19,043	113,624	2,446	1,214	2,717	8,221	1,511	587,180
1967	381,817	44,440	17,823	30,187	21,483	113,889	2,713	1,125	2,824	6,561	1,592	624,455
1968	426,556	53,514	31,606	38,511	21,963	121,101	2,828	1,127	3,427	5,428	1,725	707,786
1969	468,245	53,349	30,241	44,492	19,477	119,203	2,652	1,775	3,982	6,359	2,559	752,333
1970	524,658	54,185	33,577	37,634	25,192	128,531	2,320	1,648	4,762	8,352	4,466	825,326
1971	517,964	41,971	34,573	31,962	28,258	129,868	1,900	1,669	5,537	6,629	2,943	801,274
1972	600,672	45,568	25,471	42,124	29,207	145,360	1,803	2,683	2,810	6,937	3,570	906,205
1973	611,691	42,593	24,617	18,284	28,303	148,136	1,546	2,786	2,320	5,902	3,269	889,447
1974	489,276	42,621	20,517	9,839	21,599	138,724	1,447	2,425	2,165	4,963	2,671	736,248
1975	549,087	28,937	18,329	11,670	14,917	130,863	665	1,944	1,294	5,126	2,534	765,367
1976	587,404	53,902	30,979	15,949	11,192	130,158	585	2,094	1,359	4,753	2,427	840,802
1977	564,894	43,124	25,618	9,885	12,215	120,388	534	2,209	1,387	3,725	2,591	786,570
1978 ⁷	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	934,180

¹ Includes prepared items.² Includes pickled and cured.³ Includes canned hams, shoulders, and bacon.⁴ Includes fresh and cured sausage.⁵ Mostly mixed luncheon meats; not separately classified prior to 1964.⁶ May not add due to rounding.⁷ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 516.—Meat: International trade, selected countries, 1975–77¹

Continent and country	1975		1976		1977 ²	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>1,000 metric</i>	<i>1,000 metric</i>	<i>1,000 metric</i>	<i>1,000 metric</i>	<i>1,000 metric</i>	<i>1,000 metric</i>
Canada	78.2	151.6	112.2	245.8	112.1	194.3
Costa Rica	39.8	.1	40.5	.1	42.6	.1
Dominican Republic	5.1	.....	8.5	.....	1.3	.....
El Salvador	3.5	.4	6.7	.8	2.2	.6
Guatemala	21.5	.3	22.8	(3)	21.0	(3)
Honduras	22.8	.....	27.4	.....	23.7	(3)
Mexico	17.6	1.4	28.5	2.5	34.1	6.2
Nicaragua	29.9	.....	36.1	(3)	34.6	(3)
Panama	1.6	.4	3.4	1.9	2.3	(3)
United States	164.0	1,020.2	236.4	1,182.4	236.0	1,099.7
Total ⁴	384.0	1,174.4	522.5	1,433.7	509.9	1,300.9
South America:						
Argentina	329.3	.....	628.6	.....	691.6	.....
Brazil	156.2	28.8	217.2	26.5	240.0	34.8
Chile .....	.....	.....	.....	.....	.....	5.6
Colombia	17.8	.....	17.0	.....	14.9	.....
Peru .....	.....	8.2	.....	8.4	.....	6.7
Uruguay	131.4	.....	212.5	.....	134.6	.....
Venezuela .....	.5	6.9	.5	24.3	.5	53.1
Total ⁴	635.3	43.9	1,075.7	59.3	1,081.6	100.2

See footnotes at end of table.

Table 516.—Meat: International trade, selected countries, 1975–77¹—Continued

Continent and country	1975		1976		1977 ²	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Europe:						
Belgium-Luxembourg	278.7	111.7	268.3	120.5	272.6	121.2
Denmark	700.2	3.2	634.1	4.1	695.6	3.8
France	374.8	479.1	376.3	484.4	313.9	556.2
Germany, Fed. Rep. of	167.0	586.0	181.0	614.0	239.0	627.0
Ireland	359.7	3.3	282.9	4.7	352.7	6.2
Italy	39.0	588.7	45.0	593.0	48.0	613.0
Netherlands	610.9	131.2	641.0	150.6	697.2	175.3
United Kingdom	169.4	1,090.5	164.6	1,129.0	179.3	1,254.0
Total EC	2,699.8	2,993.8	2,593.2	3,100.4	2,798.3	3,356.8
Austria	6.5	8.2	7.8	23.7	8.1	18.9
Finland	(³)	7.5	8.9	(³)	11.6	3.6
Greece . . . . .	.....	50.3	.....	99.5	.....	109.4
Norway	(³)	16.3	(³)	30.0	.1	21.1
Portugal . . . . .	.2	30.9	.....	51.4	(³)	60.4
Spain	1.9	71.7	2.4	101.9	3.9	59.2
Sweden	38.2	35.9	32.3	34.1	39.5	25.1
Switzerland	1.6	24.7	1.5	25.7	2.4	26.0
Total Western Europe ⁴	2,748.1	3,239.2	2,646.2	3,466.7	2,863.9	3,680.6
Bulgaria	70.6	17.8	77.7	16.3	80.5	17.0
Czechoslovakia	15.3	12.3	18.2	22.0	18.0	21.4
German Dem. Rep	35.0	13.9	46.0	15.3	50.0	15.3
Hungary	130.6	13.1	93.5	28.4	85.0	44.7
Poland	157.7	15.5	147.4	43.0	137.2	98.4
Yugoslavia	86.8	8.4	98.5	8.1	82.0	27.9
Total Eastern Europe ⁴	496.0	81.0	481.3	133.2	452.7	224.7
Total Europe ⁴	3,244.1	3,320.2	3,127.4	3,599.9	3,316.6	3,905.3
Soviet Union ⁵	63.5	454.1	67.6	274.6	70.0	305.0
Africa:						
South Africa	20.3	82.4	26.1	62.7	41.7	58.7
Morocco	1.8	2.1	1.2	1.6	1.7	8.7
Total ⁴	22.1	84.5	27.3	64.2	43.4	67.4
Asia:						
China, Taiwan	7.8	26.9	25.6	9.7	18.1	3.8
India	4.9	.....	9.6	.....	13.4	.....
Iran . . . . .	.....	53.9	.....	80.6	.....	110.6
Israel . . . . .	.....	33.5	.....	30.4	.....	51.2
Japan	(³)	569.8	(³)	692.7	(³)	649.0
Korea, Rep. of	8.1	(³)	8.3	1.0	5.0	8.0
Philippines	(³)	12.1	.3	10.8	.5	18.8
Turkey	11.7	.....	5.8	.....	4.0	.....
Total ⁴	32.5	696.2	49.5	825.1	41.1	841.4
Oceania:						
Australia	943.0	.....	1,128.2	.....	1,334.3	.....
New Zealand	708.2	1.6	788.6	1.8	791.2	.5
Total ⁴	1,651.1	1.6	1,916.8	1.8	2,125.4	.5
Total selected countries ⁴	6,032.6	5,775.0	6,786.7	6,258.8	7,187.9	6,520.7

¹ Carcass weight equivalent of beef and veal, pork, lamb, mutton and goat meat, and horse meat. Excludes fat, offals, and live animals.

² Preliminary.

³ Less than 50 metric tons.

⁴ Totals may not add due to rounding, and may include an allowance for missing data for countries shown.

⁵ Estimate based on trading partner data.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 517.—Meats and lard: Production and civilian consumption, United States, 1964–78¹

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	18,456	18,899	99.9	1,013	990	5.2	715	794	4.2
1965	18,727	19,060	99.5	1,020	992	5.2	651	716	3.7
1966	19,726	20,140	104.2	910	881	4.6	650	771	4.0
1967	20,219	20,793	106.5	792	749	3.8	646	759	3.9
1968	20,880	21,627	109.7	734	707	3.6	602	738	3.7
1969	21,158	22,065	110.8	673	654	3.3	550	687	3.4
1970	21,685	22,926	113.7	588	581	2.9	551	657	3.3
1971	21,902	23,084	113.0	546	545	2.7	555	645	3.1
1972	22,419	23,962	116.1	459	465	2.2	543	684	3.3
1973	21,277	22,813	109.6	357	376	1.8	514	557	2.7
1974	23,138	24,489	116.8	486	493	2.3	465	483	2.3
1975	23,976	25,398	120.1	873	876	4.2	410	430	2.0
1976	25,969	27,549	129.3	853	854	4.0	371	396	1.9
1977	25,279	27,038	125.9	834	836	3.9	351	371	1.7
1978 ²	24,242	25,999	120.1	632	646	3.0	309	342	1.6

Year	Pork			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	14,598	14,421	76.2	34,782	35,105	185.5	2,473	1,193	6.3
1965	12,781	12,870	67.2	33,179	33,638	175.6	2,045	1,225	6.4
1966	12,798	12,700	65.7	34,084	34,492	178.5	1,929	1,071	5.5
1967	14,131	14,053	72.0	35,788	36,354	186.2	2,076	1,055	5.4
1968	14,515	14,479	73.4	36,731	37,551	190.4	2,062	1,106	5.6
1969	14,245	14,224	71.4	36,626	37,630	188.9	1,904	1,011	5.1
1970	14,699	14,661	72.7	37,523	38,825	192.6	1,913	939	4.7
1971	16,006	16,127	79.0	39,009	40,401	197.8	1,960	880	4.3
1972	14,422	14,712	71.3	37,843	39,823	192.9	1,559	787	3.8
1973	13,223	13,298	63.9	35,371	37,045	178.0	1,254	705	3.4
1974	14,331	14,493	69.1	38,420	39,958	190.5	1,366	681	3.2
1975	11,779	11,852	56.1	37,038	38,556	182.4	1,012	632	3.0
1976	12,688	12,668	59.5	39,881	41,467	194.7	1,060	585	2.7
1977	13,247	13,200	61.5	39,711	41,445	193.0	1,037	502	2.3
1978 ²	13,393	13,293	61.4	38,576	40,280	186.1	1,006	497	2.3

¹Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded.

²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 518.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1964–78¹

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork ²	All meat	Beef	Veal	Lamb and mutton	Pork ²	All meat
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Millions pounds</i>	<i>Millions pounds</i>
1964	96	2	254	352	1,068	17	79	313	1,477
1965	97	4	149	250	923	19	72	382	1,396
1966	88	5	158	251	1,182	22	136	430	1,770
1967	94	6	164	264	1,313	15	121	440	1,889
1968	94	7	208	309	1,500	18	147	462	2,127
1969	87	6	260	353	1,615	25	153	450	2,243
1970	104	7	194	305	1,792	24	122	491	2,429
1971	121	8	198	327	1,734	22	103	496	2,355
1972	124	7	236	367	1,960	36	148	538	2,682
1973	152	6	279	437	1,990	31	53	533	2,607
1974	130	8	204	342	1,615	31	26	488	2,160
1975	124	8	317	449	1,758	24	27	439	2,248
1976	170	7	421	598	2,073	22	36	469	2,600
1977	181	6	399	586	1,939	24	22	439	2,424
1978 ³	221	4	421	646	2,297	25	39	495	2,856

¹ Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, and Guam, 1964; included Wake Island also, 1965–69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

² The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 517.)

³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce; those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

Table 519.—Hides, packer: Average price per pound, Chicago, 1964–78¹

Year	Steers				Cows			Bulls	
	Heavy native	Heavy Texas	Butt branded	Colorados	Heavy native	Light native	Branded	Native	Branded
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	10.32	8.18	8.47	7.59	11.20	13.23	8.95	7.44	6.44
1965	13.93	12.07	12.39	11.58	14.00	15.60	12.57	9.17	8.17
1966	17.42	16.17	16.33	15.64	18.12	20.21	16.65	12.28	11.28
1967	11.73	(²)	10.31	9.60	12.43	16.34	10.80	(²)	(²)
1968	11.84	.....	9.51	8.51	11.75	15.73	9.64	.....	.....
1969	14.38	.....	12.48	11.59	14.85	18.35	12.95	.....	.....
1970	12.85	.....	11.80	9.95	13.44	16.98	11.35	.....	.....
1971	14.53	.....	11.95	10.80	14.17	17.03	11.63	.....	.....
1972	29.79	.....	27.42	26.02	30.12	34.76	28.21	.....	.....
1973	33.78	.....	28.83	26.24	34.14	38.72	29.01	.....	.....
1974	23.38	.....	19.77	18.13	23.46	27.19	19.61	.....	.....
1975	23.25	.....	20.67	18.82	21.60	23.80	17.51	.....	.....
1976	36.11	.....	33.41	31.33	36.25	40.65	33.02	.....	.....
1977	37.29	.....	36.21	34.75	39.21	51.00	36.04	.....	.....
1978	46.54	.....	41.83	42.64	45.55	51.42	45.24	.....	.....

¹ Data through 1966 compiled from Pratt's Daily Hide and Leather Market; beginning 1967, prices are obtained from Livestock Market News and National Provisioner.

² Not reported, beginning 1967.

Economics, Statistics, and Cooperatives Service—Economics.

Table 520.—Hides and skins: United States imports and exports, 1964–78

Year	Imports				Exports			
	Calf and kip	Cattle ¹	Goat and kid	Sheep and lamb ²	Calf	Kip	Cattle ³	Sheep and lamb ²
	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>
1964	2,010	315	12,882	29,617	2,111	280	11,502	3,065
1965	1,065	302	14,412	27,887	1,985	474	13,309	2,876
1966	680	221	10,331	27,893	2,076	519	14,189	2,429
1967	838	233	7,109	20,299	1,968	494	11,852	3,758
1968	794	493	5,203	30,825	1,816	387	12,878	3,345
1969	690	277	5,068	20,716	1,238	414	14,778	3,928
1970	542	386	3,028	18,686	1,074	241	15,222	3,822
1971	235	276	1,956	19,283	1,968	254	15,962	5,934
1972	261	292	3,355	16,852	1,621	451	17,578	5,872
1973	437	709	1,624	12,894	1,608	279	16,866	5,792
1974	439	520	583	15,732	1,802	365	18,429	4,897
1975	222	959	879	15,520	2,051	352	21,269	4,571
1976	93	962	1,255	16,615	1,657	505	25,270	3,409
1977	91	932	1,137	15,468	2,052	447	24,484	4,836
1978 ⁵	179	704	1,762	17,807	2,313	351	24,792	4,132

¹ Excludes pieces of cattle hides reported in units of pounds.² Includes cabretta and hair sheepskins.³ Beginning January 1969, excludes pieces of cattle hides reported in units of pounds.⁴ Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.⁵ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 521.—Hides and skins: United States imports by country of origin, 1976–78

Country of origin	1976	1977	1978 ¹	Country of origin	1976	1977	1978 ¹
	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>		<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>
Cattle hides: ²				Goat and kid—Continued			
Canada	958	926	694	Other countries	56	36	128
New Zealand			7				
Other countries	4	6	3	Total	1,255	1,137	1,767
Total	962	932	704				
Calf and kip:				Sheep and lambs: ³			
Canada	91	83	168	Afghanistan	952	573	504
France		5	3	Ethiopia	167	140	63
Other countries	2	3	8	United Kingdom	246	57	75
Total	93	91	179	South Africa	336	794	760
Goat and kid:				Iran	5,345	4,127	3,808
Afghanistan	188	50	101	Australia	58	104	343
Haiti	291	292	498	New Zealand	7,409	7,328	10,026
Ethiopia	241	99	295	Germany, Fed. Rep. of	27	48	40
Nigeria		48	14	France	207	214	415
Chile	9	14	36	Turkey	334	386	
Indonesia	215	216	371	Ireland	74	30	
Australia	6	5	9	Canada	121	71	108
Iran	233	374	312	Sudan	333	675	600
New Zealand	16	3	3	Nigeria	704	684	592
				Other countries	302	237	473
				Total	16,615	15,468	17,807

¹ Preliminary.² Excludes pieces of cattle hides reported in units of pounds.³ Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 522.—Hides and skins: United States exports by country of destination, 1976–78

Country of destination	1976	1977	1978 ¹	Country of destination	1976	1977	1978 ¹
Cattle hides: ²	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>	Calf skins:	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>
Canada	1,057	860	1,093	Canada	180	452	734
Mexico	1,708	1,966	1,938	Mexico	43	36	282
France	816	769	555	Czechoslovakia	11	70	.....
Germany, Fed. Rep. of	518	435	379	Germany, Fed. Rep. of	99	62	39
Italy	1,561	1,048	1,284	Italy	141	197	369
Spain	957	940	1,020	Korea, Rep. of	120	88	54
Romania	1,651	1,472	1,942	Spain	27	113	35
China, Taiwan	847	843	1,018	Japan	818	937	697
Korea, Rep. of	3,270	3,611	3,720	Other countries	218	97	103
Japan	9,356	8,425	8,797	Total	1,657	2,052	2,313
Czechoslovakia	678	680	586	Kipskins:			
Other countries	2,851	3,435	2,460	Canada	32	62	34
Total	25,270	24,484	24,792	Korea, Rep. of	27	13	7
Sheep and lamb skins: ³				Italy	145	17	2
Canada	362	11	92	Germany, Fed. Rep. of	2	2	1
Japan	536	107	9	Yugoslavia	10	30	.....
Brazil	193	28	23	Hungary	61	138	33
Germany, Fed. Rep. of	219	39	75	Venezuela	17	8	20
Italy	303	298	515	Japan	105	96	106
United Kingdom	696	22	73	Other countries	106	81	148
Poland	445	109	122	Total	505	447	351
Uruguay	53	1	77				
Other countries	602	220	346				
Total	3,409	835	1,332				

¹ Preliminary.² Excludes pieces of cattle hides reported in units of pounds.³ Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 523.—Mink pelts: Number produced by color class, United States, 1969–77

Year	Stand- ard	Demi- buff (1)	Pastel	Pale brown	Sap- phire	Gun- metal	Plati- num	Pearl	Lav- ender hope	Pink (1)	Violet type	White	Mis- cella- neous and unclas- sified	Total pelts
	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>	<i>1,000 pelts</i>
1969	1,400	...	1,634	63.2	317	66.4	25.3	910	177	...	681	145	35.6	5,455
1970	1,591	...	1,351	57.7	219	64.0	20.7	587	95.0	...	455	79.3	12.3	4,532
1971	1,226	...	1,059	19.6	171	50.1	12.7	397	40.7	...	345	50.5	8.5	3,380
1972	1,065	...	1,015	25	143	49.7	10	302	21	...	285	44.6	4.9	2,965
1973	1,088	...	1,075	19.2	136	52.9	14.2	310	22.9	...	261	55.9	2.1	3,037
1974	880	308	992	5.9	117	57	15.1	337	18.4	47.3	270	75	5.3	3,128
1975	951	481	700	15	84	53	12	337	17	59	257	93	8	3,067
1976	995	533	661	9	65	47	6	270	20	71	239	90	20	3,026
1977	1,048	² 530	739	11	78	50	5	234	16	61	205	83	13	3,073

¹ Estimated as separate color class, beginning 1974; included in Pale Brown, Pastel, and Standard classes in previous years.² This color class included "Ranch wild" types in 1977.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 524. — Mink pelts: Number produced by color class, major States, and United States, 1977

State	Standard	Demi- buff ¹	Pastel	Pale brown	Sapphire	Gunmetal	Platinum	Pearl	Lavender haze	Pink	Violet type	White	Miscella- neous and unclassi- fied	Total pelts
	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts
Idaho	28.0	45.2	4.0											132
Ill.	55.0	(2)	22.6	(2)	(2)	(2)	(2)	7.2			2.3	2.4		176
Ind.	55.0	(2)	7.7	(2)	(2)	(2)		12.0		(2)	2.0	1.8	(2)	176
Iowa	42.3	9.1	25.2	(2)	(2)									105
Mass.	4.4	4.4	6.9	(2)	(2)		0.06	19.5	(2)		4.6	1.5	(2)	18
Mich.	30.0	21.5	23.9	(2)	(2)		(2)	(2)	0.05					105
Minn.	112.2	77.6	122.9	(2)	(2)		(2)	10.6	(2)				(2)	18
N.Y.	33.8	7.4	26.1	(2)	3.6	2.3	.31	18.8	1.9	8.8	7.1	9.1		104
Ohio	33.2	19.9	39.2	.91	1.7	3.0	.17	8.0	(2)	(2)	23.1	4.5	(2)	376
Oreg.	46.3	25.1	9.8	.65	17.4	17.5	(2)	29.4			8.5		(2)	195
Penn.	12.7	25.7	25.0	(2)	14.0	1.3	.31	(2)	(2)	1.8	21.1	(2)	1.9	117
S. Dak.	12.8	22.5	6.3	(2)			(2)	28.4	(2)	4.2	15.3	(2)		129
Utah	169	32.8	86.7	1.9	12.7		.66	28.4	(2)	(2)	24.4		.23	89
Wash.	90.4	27.8	18.3	.35	5.8	14.5		2.6	1.8	1.2			1.3	359
Wis.	332.6	107.9	239.0	2.3	14.9	2.4	.66	57.2	9.2	31.0	75.3		1.8	169
Other States	36.9	37.3	39.1	.14	1.1	.34	.92	14.8	.5	3.7	4.6	7.6	.22	928
U.S.	1,048	530	739	11	78	50	5	234	16	61	205	83	13	3,073

¹This color class includes "Ranch wild" types.²Included in total to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 525.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1964–78

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Con-demned ¹	Total	Con-demned ¹	Total	Con-demned ¹	Total	Con-demned ¹	Total	Con-demned ¹	Total	Con-demned ¹
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1964	25,133	70.6	4,820	20.7	12,947	59.1	191	1.2	71,667	122.7	36	0.3
1965	26,614	80.5	5,076	20.3	11,710	57.3	313	2.3	63,708	102.1	36	.4
1966	27,319	74.5	4,432	21.4	11,553	65.4	481	3.4	63,729	89.7	53	.5
1967	27,780	71.8	4,002	22.3	11,516	67.8	494	4.0	70,915	105.8	57	.3
1968	29,592	77.6	3,876	23.9	10,888	53.9	393	2.0	74,789	110.1	66	.5
1969	30,537	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	.4
1970	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	3.5
1971	31,419	94.2	2,806	18.1	10,256	45.2	301	1.7	86,667	171.5	55	.5
1972	32,267	97.0	2,421	17.4	9,905	44.3	146	.....	78,759	155.7	65	.....
1973	30,521	91.8	1,808	13.3	9,234	40.6	87	.....	72,264	145.6	165	.....
1974	33,319	100.1	2,355	16.4	8,556	37.3	72	.....	77,071	155.2	207	.....
1975	36,904	111.0	3,894	26.6	7,552	32.9	49	.....	64,926	131.2	247	.....
1976	38,992	117.0	4,438	30.8	6,474	27.9	41	.....	70,454	140.4	293	.....
1977	38,717	121.9	4,696	63.3	6,133	31.5	45	.3	74,019	198.9	317	3.0
1978	36,948	.....	3,620	.....	5,169	.....	45	.....	74,139	.....	323	.....

¹Condemnations for 1964-76 do not include ante-mortem cases of parts of carcasses. Condemnations for 1977 include ante-mortem and post-mortem inspection.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 526.—Livestock and poultry inventory: Index numbers, United States, Jan. 1, 1964–79¹
[1967 = 100]

Year	Total livestock and poultry	Meat animals	Milk cattle ²	Poultry	Year	Total livestock and poultry	Meat animals	Milk cattle ²	Poultry
1964	101	101	125	89	1972	107	107	87	95
1965	101	101	112	92	1973	109	109	86	92
1966	99	99	106	93	1974	114	114	84	94
1967	100	100	100	100	1975	116	116	84	88
1968	100	100	96	97	1976	112	112	83	87
1969	101	101	92	95	1977	109	109	82	86
1970	102	102	89	96	1978	104	104	82	88
1971	105	105	87	98	1979 ³	100	100	81	91

¹For method of combining species and weights in construction of these index numbers see Agricultural Handbook No. 365, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1967 sales values relative to milk cows are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. For 1965 and thereafter, milk cows and heifers that have calved are used in place of milk cows two years old and older; turkey breeder hens on hand Dec. 1 preceding year are used in place of all turkeys on hand Jan. 1; all chickens (excluding commercial broilers) on hand Dec. 1 preceding year are used in place of all chickens on hand Jan. 1. Hogs and pigs relate to Dec. 1 preceding year.

²Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighing 500 lbs. and over, 0.56.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

CHAPTER VIII

DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

Table 527.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1965-79

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1965	15,380	4,780	1973	11,622	3,872
1966	14,490	4,450	1974	11,297	3,941
1967	13,725	4,215	1975	11,220	4,087
1968	13,115	4,080	1976	11,087	3,958
1969	12,550	3,990	1977	11,035	3,888
1970	12,091	3,880	1978	10,939	3,896
1971	11,909	3,843	1979 ¹	10,853	3,936
1972	11,776	3,828			

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 528.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan.1, 1978 and 1979

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1978	1979 ¹	1978	1979 ¹		1978	1979 ¹	1978	1979 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala	85	84	17	15	Nebr	128	123	26	32
Alaska	1.4	1.3	.5	.5	Nev	15	15	7	8
Ariz	68	70	10	15	N.H	31	30	13	12
Ark	90	90	21	26	N.J	47	43	13	14
Calif	846	860	310	391	N.Mex	31	33	12	8
Colo	72	72	25	28	N.Y	915	904	341	339
Conn	51	49	18	18	N.C	146	143	38	38
Del	12	12	3	3	N.Dak	104	97	23	22
Fla	197	189	37	38	Ohio	398	382	158	163
Ga	129	129	44	33	Okl	114	112	30	20
Hawaii	13	13	8	8	Oreg	93	93	30	31
Idaho	138	141	66	87	Pa	703	703	237	230
Ill	233	236	89	100	R.I	5	5	2	1
Ind	208	202	83	84	S.C	56	51	14	13
Iowa	380	374	164	126	S.Dak	170	169	47	39
Kans	140	136	42	37	Tenn	205	210	59	66
Ky	277	265	97	81	Tex	314	310	90	90
La	129	127	29	33	Utah	76	77	41	37
Maine	58	56	23	21	Vt	195	189	61	60
Md	136	134	47	41	Va	171	172	84	77
Mass	51	46	16	15	Wash	176	190	64	90
Mich	404	402	184	149	W.Va	37	37	12	13
Minn	850	850	329	333	Wis	1810	1810	696	713
Miss	110	103	28	26	Wyo	12	11	3	3
Mo	282	276	96	100					
Mont	27	27	8	8	U.S	10,939	10,853	3,896	3,936

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 529.—Dairy product-feed price ratios: Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1964–78¹

Year	Milk-feed price ratios ²	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk-feed price ratios ²	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk feed price ratios ²	Value per 100 pounds of grain and concentrates fed to milk cows
	<i>Pounds</i>	<i>Dollars</i>		<i>Pounds</i>	<i>Dollars</i>		<i>Pounds</i>	<i>Dollars</i>
1964	1.38	3.03	1969	1.74	3.15	1974	1.34	6.23
1965	1.40	3.03	1970	1.74	3.28	1975	1.40	6.25
1966	1.53	3.15	1971	1.70	3.44	1976	1.53	6.31
1967	1.56	3.22	1972	1.72	3.52	1977	1.57	6.20
1968	1.69	3.10	1973	1.46	4.88	1978 ³	1.75	6.07

¹ Annual ratios based on average of monthly ratios.² Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 530.—Milk cows rations: Quantities and value of concentrates fed, by States, 1977 and 1978

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced			
	1977	1978	1977	1978	1977	1978
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	4,260	4,400	53	56	6.95	6.76
Ariz	5,430	6,460	41	49	6.10	6.18
Ark	3,490	3,720	42	46	6.44	6.28
Calif	5,930	6,030	41	43	5.98	5.90
Colo	5,130	5,210	43	43	5.46	5.58
Conn	4,920	5,140	41	42	6.82	6.63
Del	4,340	4,520	38	41	6.86	6.75
Fla	5,750	5,950	58	59	5.93	5.87
Ga	5,370	5,700	54	57	6.86	6.83
Idaho	3,860	4,200	34	36	5.31	5.29
Ill	4,450	4,370	42	42	6.23	5.89
Ind	4,470	4,720	41	44	6.19	6.12
Iowa	5,050	5,030	46	47	5.70	5.73
Kans	5,110	5,170	49	51	5.42	5.50
Ky	4,440	4,400	50	51	6.47	6.53
La	4,790	4,900	58	59	6.79	6.72
Maine	4,840	4,920	44	44	7.09	6.91
Md	4,810	4,940	42	43	7.01	6.84
Mass	4,710	4,650	40	39	6.86	6.61
Mich	4,610	5,110	39	43	5.81	5.76
Minn	4,270	4,450	39	41	5.60	5.38
Miss	4,060	4,260	53	54	6.72	6.49
Mo	4,960	5,080	50	51	5.97	5.98
Mont	4,260	4,570	39	41	5.53	5.32
Nebr	4,240	4,500	42	44	5.36	5.36
Nev	4,430	4,610	32	36	5.91	5.83
N.H	4,160	4,060	38	37	6.88	6.75
N.J	4,450	4,670	38	40	7.03	6.88
N. Mex	6,180	6,380	45	46	6.02	6.03
N.Y	4,030	4,170	36	36	6.83	6.67
N.C	4,840	5,150	44	47	7.06	6.96
N. Dak	3,430	3,870	39	42	4.95	4.65
Ohio	4,780	4,790	42	43	6.37	6.28
Okla	4,920	5,110	51	53	6.01	6.01
Oreg	4,190	4,350	37	38	6.68	6.48
Pa	4,650	4,730	42	42	6.85	6.72
R.I	4,220	4,560	37	39	6.87	6.59
S.C	4,840	5,010	51	53	7.15	7.02
S. Dak	4,200	4,140	43	44	5.56	5.29
Tenn	4,660	5,010	48	49	6.88	6.78
Tex	6,200	6,510	58	59	6.02	6.06
Utah	4,560	4,550	38	37	5.50	5.55
Vt	4,060	4,150	37	36	7.07	6.80
Va	4,220	4,640	38	42	7.18	7.08
Wash	5,080	5,190	35	36	6.45	6.35
W. Va	3,420	3,720	39	40	7.25	7.14
Wis	4,320	4,460	37	38	5.93	5.65
Wyo	3,680	3,900	35	37	5.50	5.41
U.S	4,709	4,806	42.1	42.8	6.20	6.07

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 531.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production, United States, 1964–79

Year	Associa- tions ¹	Super- visors ¹	Official plans					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Percent</i>	<i>Pounds</i>
1964	1,420	2,474	40,670	2,010,144	49.4	11,685	3.83	447
1965	1,424	2,439	40,075	2,087,581	52.1	11,976	3.82	457
1966	1,418	2,378	38,879	2,058,592	52.9	12,127	3.81	462
1967	1,344	2,319	37,683	2,098,919	55.7	12,307	3.80	468
1968	1,318	2,304	36,869	2,131,929	57.8	12,397	3.80	471
1969	1,289	2,250	35,617	2,138,953	60.1	12,553	3.79	476
1970	1,267	2,225	34,308	2,122,011	61.9	12,750	3.79	483
1971	1,274	2,201	33,996	2,218,402	65.3	13,000	3.76	489
1972	1,247	2,186	33,197	2,244,685	67.6	13,226	3.75	496
1973	1,231	2,164	33,578	2,359,611	70.3	13,287	3.76	499
1974	1,130	2,209	33,146	2,416,669	72.9	13,163	3.75	493
1975	1,105	2,183	32,222	2,432,961	75.5	13,421	3.76	505
1976	1,051	2,218	32,232	2,438,365	75.7	13,632	3.75	511
1977	1,028	2,266	33,755	2,581,164	76.5	14,435	3.73	539
1978	1,046	2,432	34,972	2,704,064	77.3	14,631	3.70	542
1979	1,045	2,541	36,138	2,794,058	77.3	.....	.....	.....

¹ Includes all plans.

Science and Education Administration.

Table 532.—Cattle: Tuberculin tests in cooperation with States, 1964–78

Year	Tuberculin tests					
	Herds and lots	Cattle	Infected			
			Herds and lots		Cattle	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
1964	318,039	8,525,881	2,690	0.85	7,363	0.10
1965	304,917	7,187,083	1,672	.55	5,567	.08
1966	252,948	6,451,222	1,317	.52	3,540	.05
1967	212,487	5,486,715	1,014	.48	4,119	.08
1968	165,767	4,485,124	662	.40	2,830	.06
1969	151,087	4,390,514	544	.36	2,923	.07
1970	133,150	4,044,986	421	.32	2,574	.06
1971	120,605	3,530,220	349	.29	2,528	.07
1972	103,548	2,881,398	235	.23	2,353	.08
1973	102,510	2,936,287	163	.16	1,512	.05
1974	101,734	2,487,798	231	.23	1,573	.06
1975	94,769	2,367,458	158	.17	1,306	.06
1976	103,441	2,484,550	298	.29	1,879	.08
1977	98,487	2,323,204	179	.18	4,733	.20
1978	103,037	2,307,487	92	.09	490	.02

Animal and Plant Health Inspection Service.

Table 533.—Cattle: Brucellosis work in cooperation with States, 1964–78

Year	Milk ring tests ¹			Market cattle blood tests		
	Herd tests	Suspicious herd tests		Cattle tested	Reactor cattle	
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
1964	1,815,644	16,874	0.9	2,673,782	39,800	1.5
1965	1,811,259	14,759	.8	4,587,533	49,035	.9
1966	1,682,994	10,466	.6	4,687,710	44,041	.9
1967	1,620,586	8,591	.5	4,617,431	41,412	.9
1968	1,478,983	6,569	.4	4,824,781	34,613	.7
1969	1,326,191	6,233	.5	4,967,570	28,167	.6
1970	1,141,249	3,504	.3	4,818,267	23,092	.5
1971	1,143,707	2,760	.2	6,381,853	29,926	.5
1972	984,825	2,210	.2	7,815,629	39,866	.5
1973	895,346	2,580	.3	8,680,880	55,399	.6
1974	881,195	2,247	.3	10,007,454	72,348	.7
1975	841,392	2,642	.3	13,524,598	90,949	.7
1976	730,737	2,096	.3	13,939,367	88,443	.6
1977	760,576	2,272	.3	13,608,558	71,994	.5
1978	849,527	2,285	.3	13,325,356	70,997	.5

Year	Cattle blood tested on farm or ranch ²						Adjusted cattle infection rate ³	Calves vaccinated
	Herd or lot tests	Infected herds or lots		Cattle tested	Reactor cattle			
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Number</i>
1964 . . .	41,846,960	460,799	3.3	8,990,118	95,629	1.1	0.6	7,154,257
1965 . . .	42,036,446	453,017	2.6	7,457,973	77,184	1.0	.5	6,903,780
1966 . . .	41,258,186	439,252	3.1	6,876,122	83,665	1.2	.6	6,483,393
1967 . . .	416,256	31,855	7.7	7,337,243	111,230	1.5	.6	6,331,556
1968 . . .	367,971	30,664	8.3	6,858,279	110,995	1.6	.6	5,837,646
1969 . . .	274,724	23,137	8.4	5,406,185	88,484	1.6	.6	5,165,415
1970 . . .	264,406	24,033	9.1	5,439,642	96,466	1.8	.6	4,548,972
1971 . . .	225,022	21,117	9.4	4,490,636	85,138	1.9	.6	4,116,646
1972 . . .	214,759	23,588	11.0	4,873,422	97,585	2.0	.7	3,909,944
1973 . . .	219,167	26,654	12.2	5,361,680	113,453	2.1	.8	3,873,908
1974 . . .	228,897	34,144	14.9	6,073,077	157,027	2.6	.9	4,101,475
1975 . . .	238,184	37,117	15.6	6,947,008	181,214	2.6	.9	3,720,441
1976 . . .	258,710	36,901	14.3	7,454,452	181,165	2.4	.9	3,779,108
1977 . . .	268,750	32,904	12.2	7,247,352	168,607	2.3	.8	3,780,309
1978 . . .	271,335	28,846	10.6	6,895,966	154,877	2.2	.8	4,269,151

¹Represents multiple milk ring tests each year for the commercial dairy herd.²Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.³Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.⁴Includes the number of market cattle lots tested and found infected.

Animal and Plant Health Inspection Service.

Table 534.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1964–78

Year	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	15,677	8,099	300	3.70	126,967	4,699
1965	14,953	8,305	307	3.70	124,180	4,592
1966	14,071	8,522	314	3.69	119,912	4,426
1967	13,415	8,851	327	3.69	118,732	4,377
1968	12,832	9,135	335	3.67	117,225	4,305
1969	12,307	9,434	346	3.67	116,108	4,264
1970	12,000	9,751	357	3.66	117,007	4,284
1971	11,839	10,015	367	3.66	118,566	4,344
1972	11,700	10,259	377	3.68	120,025	4,410
1973	11,413	10,119	370	3.66	115,491	4,225
1974	11,230	10,293	377	3.67	115,586	4,238
1975	11,143	10,350	380	3.68	115,334	4,238
1976	11,055	10,879	399	3.66	120,269	4,406
1977	10,974	11,181	409	3.65	122,698	4,483
1978 ³	10,848	11,240	412	3.67	121,928	4,470

¹ Average number during year, excluding heifers not yet fresh.² Excludes milk sucked by calves.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 535.—Milk: Quantities used and marketed by farmers, United States, 1964–78

Year	Milk used on farms where produced				Milk marketed by producers			
	Fed to calves ¹	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers ²		Sold directly to consumers ³	Total
					As whole milk	As farm-separated cream		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	2,152	3,742	595	6,489	114,176	4,439	1,863	120,478
1965	2,061	3,443	470	5,974	112,720	3,652	1,834	118,206
1966	1,980	3,131	361	5,472	109,699	2,995	1,746	114,440
1967	1,891	2,865	287	4,916	109,433	2,374	1,760	113,567
1968	1,821	2,616	225	4,662	108,811	1,972	1,780	112,563
1969	1,745	2,397	173	4,315	108,497	1,608	1,688	111,793
1970	1,702	2,306	.....	4,008	110,089	1,193	1,717	112,999
1971	1,635	2,117	.....	3,752	112,242	1,000	1,572	114,814
1972	1,624	1,914	.....	3,538	114,152	798	1,537	116,487
1973	1,584	1,766	.....	3,350	109,948	673	1,520	112,141
1974	1,558	1,643	.....	3,201	110,420	421	1,544	112,385
1975	1,567	1,505	.....	3,072	110,385	314	1,563	112,262
1976	1,562	1,404	.....	2,966	115,558	230	1,515	117,303
1977	1,548	1,295	.....	2,843	118,172	186	1,498	119,856
1978 ⁶	1,488	1,166	.....	2,654	117,644	118	1,511	119,273

¹ Excludes milk sucked by calves.² Includes milk produced by dealers' own herds.³ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.⁴ Includes some milk used for other purposes on farms or not utilized.⁵ Includes milk used for farm-churned butter, beginning 1970.⁶ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 536.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1977

State	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Ala	85	8,047	293	3.64	684	25
Alaska	1.5	10,933	375	3.43	16.4	6
Ariz	69	13,246	473	3.57	914	33
Ark	89	8,146	286	3.51	725	25
Calif	827	14,472	517	3.57	11,968	427
Colo	71	11,944	424	3.55	848	30
Conn	52	12,000	444	3.70	624	23
Del	12.2	11,393	420	3.69	139.0	5.1
Fla	198	10,066	353	3.51	1,993	70
Ga	129	9,985	367	3.68	1,288	47
Hawaii	13.0	11,538	396	3.43	150.0	5.1
Idaho	141	11,348	407	3.59	1,600	57
Ill	234	10,748	397	3.69	2,515	93
Ind	208	10,913	409	3.75	2,270	85
Iowa	386	10,440	382	3.66	4,030	147
Kans	140	10,436	379	3.63	1,461	53
Ky	278	8,727	322	3.69	2,426	90
La	132	8,250	302	3.66	1,089	40
Maine	58	11,000	403	3.66	638	23
Md	138	11,413	421	3.69	1,575	58
Mass	51	11,706	431	3.68	597	22
Mich	403	11,814	436	3.69	4,761	176
Minn	866	10,950	393	3.59	9,483	340
Miss	112	7,661	282	3.68	858	32
Mo	298	9,792	354	3.62	2,918	106
Mont	27	10,963	396	3.61	296	11
Nebr	133	10,105	369	3.65	1,344	49
Nev	14.3	13,846	479	3.46	198.0	6.9
N.H	31	10,935	408	3.73	339	13
N.J	47	11,681	432	3.70	549	20
N. Mex	31	13,742	471	3.43	426	15
N.Y	914	11,186	402	3.59	10,224	367
N.C	145	10,979	403	3.67	1,592	58
N. Dak	107	8,916	317	3.55	954	34
Ohio	400	11,138	412	3.70	4,455	165
Okla	116	9,655	342	3.54	1,120	40
Oreg	93	11,312	432	3.82	1,052	40
Pa	703	11,083	412	3.72	7,791	290
R.I	5.0	11,400	416	3.65	57.0	2.1
S.C	55	9,509	368	3.87	523	20
S. Dak	171	9,766	349	3.57	1,670	60
Tenn	208	10,486	392	3.74	2,181	82
Tex	315	10,705	377	3.52	3,372	119
Utah	78	12,000	427	3.56	936	33
Vt	191	10,995	405	3.68	2,100	77
Va	173	11,012	403	3.66	1,905	70
Wash	176	14,466	538	3.72	2,546	95
W. Va	38	8,763	324	3.70	333	12
Wis	1,802	11,676	437	3.74	21,041	787
Wyo	11.6	10,690	388	3.63	124.0	4.5
U.S	10,974	11,181	409	3.65	122,698	4,483

¹ Average number during year, excluding heifers not yet fresh.² Excludes milk sucked by calves.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 537.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1978 (preliminary)

State	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Ala	84	7,857	284	3.61	660	24
Alaska	1.4	10,571	354	3.35	14.8	.5
Ariz	68	13,176	474	3.60	896	32
Ark	89	8,090	289	3.57	720	26
Calif	846	14,027	506	3.61	11,867	428
Colo	72	12,111	432	3.57	872	31
Conn	50	12,240	453	3.70	612	23
Del	11.7	11,026	408	3.70	129.0	4.8
Fla	193	10,093	350	3.47	1,948	68
Ga	129	10,000	365	3.65	1,290	47
Hawaii	12.9	11,628	403	3.47	150.0	5.2
Idaho	140	11,664	419	3.59	1,633	59
Ill	231	10,403	385	3.70	2,403	89
Ind	203	10,729	402	3.75	2,178	82
Iowa	377	10,700	394	3.68	4,034	148
Kans	138	10,130	370	3.65	1,398	51
Ky	269	8,632	318	3.68	2,322	85
La	128	8,305	303	3.65	1,063	39
Maine	57	11,193	410	3.66	638	23
Md	134	11,493	424	3.69	1,540	57
Mass	48	11,917	437	3.67	572	21
Mich	403	11,893	439	3.69	4,793	177
Minn	837	10,859	392	3.61	9,089	328
Miss	106	7,887	291	3.69	836	31
Mo	277	9,964	363	3.64	2,760	100
Mont	27	11,148	400	3.59	301	11
Nebr	124	10,234	376	3.67	1,269	47
Nev	14.7	12,810	450	3.51	188.3	6.6
N.H	30	10,967	410	3.74	329	12
N.J	45	11,667	431	3.69	525	19
N. Mex	33	13,879	482	3.47	458	16
N.Y	906	11,582	418	3.61	10,493	379
N.C	143	10,958	400	3.65	1,567	57
N. Dak	100	9,210	331	3.59	921	33
Ohio	384	11,133	413	3.71	4,275	159
Okla	113	9,646	344	3.57	1,090	39
Oreg	93	11,452	439	3.83	1,065	41
Pa	700	11,259	421	3.74	7,881	295
R.I	4.7	11,702	428	3.66	55.0	2.0
S.C	54	9,444	365	3.86	510	20
S. Dak	170	9,412	337	3.58	1,600	57
Tenn	209	10,230	382	3.73	2,138	80
Tex	311	11,039	392	3.55	3,433	122
Utah	76	12,303	436	3.54	935	33
Vt	189	11,534	426	3.69	2,180	80
Va	172	11,058	404	3.65	1,902	69
Wash	186	14,419	534	3.70	2,682	99
W. Va	37	9,297	344	3.70	344	13
Wis.	1,811	11,735	440	3.75	31,252	797
Wyo	11.1	10,541	378	3.59	117.0	4.2
U.S	10,848	11,240	412	3.67	121,928	4,470

¹ Average number during year, excluding heifers not yet fresh.² Excludes milk sucked by calves.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 538. — Milk: Quantities used and marketed by producers, by States, 1978 (preliminary)

State	Milk used on farms where produced			Milk marketed by farmers			
	Fed to calves ¹	Used for milk, cream, and butter	Total	Sold to plants and dealers ²		Sold directly to consumers ³	Total
				As whole milk	As farm-separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Ala	5	20	25	615	20	635	
Alaska . . . . .	.3	.4	.7	13.7		.4	14.1
Ariz	5	1	6	850	40	890	
Ark	10	25	35	670	15	685	
Calif	70	10	80	11,430	357	11,787	
Colo	30	16	46	785	41	826	
Conn	6	5	11	585	16	601	
Del	1	2	3	125	1	126	
Fla	6	12	18	1,925	5	1,930	
Ga	6	10	16	1,265	9	1,274	
Hawaii	1.7	1.0	2.7	147.3	(⁴)	147.3	
Idaho	38	15	53	1,565	2	13	1,580
Ill	23	13	36	2,365		2	2,367
Ind	20	16	36	2,125	6	11	2,142
Iowa	73	44	117	3,885	17	15	3,917
Kans	20	16	36	1,355		7	1,362
Ky	28	111	139	2,160		23	2,183
La	4	22	26	1,025		12	1,037
Maine	8	7	15	615		8	623
Md	11	16	27	1,505		8	1,513
Mass	5	5	10	530		32	562
Mich	62	27	89	4,675	3	26	4,704
Minn	110	47	157	8,925	7		8,932
Miss	3	16	19	810		7	817
Mo	28	28	56	2,690		14	2,704
Mont	8	10	18	272	9	2	283
Nebr	25	25	50	1,200	14	5	1,219
Nev	3	2	5	182		1	183
N.H	4	3	7	313		9	322
N.J	7	3	10	490		25	515
N. Mex	5	9	14	430		14	444
N.Y	142	88	230	10,170		93	10,263
N.C	12	50	62	1,485		20	1,505
N. Dak	26	15	41	860	17	3	880
Ohio	46	48	94	4,165		16	4,181
Okla	13	22	35	1,040		15	1,055
Oreg	20	9	29	990		46	1,036
Pa	55	55	110	7,450		321	7,771
R.I	1	1	2	51		2	53
S.C	6	8	14	488		8	496
S. Dak	24	19	43	1,510	42	5	1,557
Tenn	51	51	102	2,030		6	2,036
Tex	22	11	33	3,370		30	3,400
Utah	9	11	20	875		40	915
Vt	24	17	41	2,135		4	2,139
Va	19	34	53	1,840		9	1,849
Wash	23	8	31	2,520		131	2,651
W. Va	6	15	21	316		7	323
Wis	360	163	523	20,715		14	20,729
Wyo	3	4	7	106	1	3	110
U.S	1,488	1,166	2,654	117,644	118	1,511	119,273

¹Excludes milk sucked by calves.²Includes milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.³Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.⁴Combined with whole milk to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 539.—Milk: Production and utilization in specified countries, 1976–78

Country	Production			Utilization ¹		
	Milk cows	Production per cow	Total milk production ¹	Fluid milk	Factory	Feed
	<i>1,000 head</i>	<i>Kilograms</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
1976:						
Canada	1,979	3,883	7,685	2,553	4,631	501
United States	11,055	4,935	54,554	26,020	27,825	709
Austria	1,015	3,209	3,277	1,132	1,662	483
Belgium and Luxembourg	1,059	3,629	3,843	729	2,856	258
Denmark	1,106	4,561	5,045	758	4,162	125
France	10,230	2,887	30,801	3,375	20,628	6,798
Germany, Fed. Rep. of	5,400	4,105	22,165	3,619	17,558	988
Greece	465	1,495	1,704	629	1,075	0
Ireland	1,436	2,757	3,959	630	3,221	108
Italy	2,897	3,304	10,233	3,890	5,453	890
Netherlands	2,220	4,725	10,490	1,983	8,349	158
Norway	386	4,860	1,898	934	929	35
Sweden	665	4,883	3,247	1,320	1,846	81
Switzerland	888	3,887	3,473	752	2,321	400
United Kingdom	3,228	4,182	13,500	7,600	5,825	75
Japan	928	5,670	5,262	3,314	1,830	118
Australia ²	2,345	2,738	6,421	1,576	4,815	30
New Zealand ³	2,092	3,040	6,359	557	5,687	115
Total	49,394	68,750	193,916	61,371	120,673	11,872
1977:						
Canada	1,978	3,915	7,743	2,595	4,731	417
United States	10,974	5,072	55,655	25,945	29,014	696
Austria	1,008	3,289	3,333	1,087	1,766	480
Belgium and Luxembourg	1,050	3,688	3,872	777	2,823	272
Denmark	1,099	4,676	5,139	770	4,244	125
France	10,286	2,937	31,478	3,606	21,320	6,552
Germany, Fed. Rep. of	5,387	4,181	22,523	3,473	18,102	948
Greece	475	1,560	1,733	635	1,098	0
Ireland	1,484	2,872	4,262	621	3,530	111
Italy	2,945	3,340	10,515	3,704	5,905	906
Netherlands	2,200	4,824	10,612	1,913	8,554	145
Norway	382	4,893	1,891	903	956	32
Sweden	654	4,968	3,249	1,302	1,867	80
Switzerland	883	3,951	3,511	740	2,333	438
United Kingdom	3,264	4,381	14,300	7,500	6,750	50
Japan	968	5,927	5,737	3,551	2,066	120
Australia ²	2,185	2,715	5,933	1,645	4,263	25
New Zealand ³	2,074	3,199	6,637	541	5,948	146
Total	49,296	70,388	198,123	61,308	125,270	11,543
1978: ⁴						
Canada	1,909	3,964	7,567	2,665	4,494	408
United States	10,848	5,098	55,306	25,980	28,634	692
Austria	1,000	3,300	3,316	1,080	1,716	520
Belgium and Luxembourg	1,040	3,894	4,050	800	3,000	250
Denmark	1,050	5,238	5,500	780	4,445	125
France	10,152	2,970	31,450	3,700	21,750	6,000
Germany, Fed. Rep. of	5,350	4,355	23,300	3,500	18,900	900
Greece	460	1,533	1,696	659	1,037	0
Ireland	1,520	3,115	4,735	621	4,000	114
Italy	2,960	3,395	10,740	3,900	5,930	910
Netherlands	2,250	5,029	11,315	1,845	9,330	140
Norway	375	4,893	1,858	914	912	32
Sweden	652	5,058	3,298	1,315	1,903	80
Switzerland	885	4,000	3,563	730	2,383	450
United Kingdom	3,267	4,591	15,000	7,400	7,560	40
Japan	1,013	6,071	6,150	3,700	2,300	150
Australia ²	2,112	2,523	5,329	1,602	3,712	15
New Zealand ³	2,053	2,956	6,069	537	5,395	137
Total	48,896	71,983	200,242	61,728	127,401	10,963

¹ May include milk other than cow's milk.² Year ending June 30.³ Year ending May 31.⁴ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 540.—Milk: Supply and

Item	1964	1965	1966	1967	1968
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production	126,967	124,180	119,912	118,732	117,225
Net imports of ingredients (milk equivalent) ²	90	149	1,431	1,334	172
Net change in storage cream (milk equivalent) ³	37	10	60	43	24
Total supply	127,020	124,339	121,283	120,109	117,421
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent	32,576	29,867	25,084	27,563	26,393
Milk equivalent of butter from whey cream	1,301	1,319	1,413	1,457	1,481
Net milk equivalent	31,275	28,548	23,671	26,106	24,912
Cheese:					
American	11,454	11,458	12,154	12,701	12,716
Other	4,162	4,277	4,521	4,507	4,660
Cottage cheese, creamed	1,042	1,046	1,044	1,050	1,094
Canned milk:					
Evaporated	3,850	3,471	3,516	3,087	2,851
Sweetened condensed	209	214	287	141	195
Bulk condensed whole milk:					
Unsweetened	846	780	706	636	679
Sweetened	140	151	152	149	159
Dry whole milk	648	654	698	547	589
Ice cream and other frozen dairy products, total milk equivalent	12,215	12,557	12,476	12,505	13,037
Milk equivalent of butter and condensed milk used in ice cream	1,953	1,987	⁵ 1,998	⁵ 1,967	2,058
Net milk equivalent	10,262	10,570	10,508	10,538	10,979
Other manufactured products ⁶	650	599	643	308	396
Total manufactured products	64,538	61,768	57,900	59,770	59,230
Available for use in fluid products:					
Sold by dealers	53,037	53,566	53,654	52,240	51,920
Sold by producers directly to consumers ⁷	1,863	1,834	1,746	1,760	1,780
Total available for fluid products	54,900	55,400	55,400	54,000	53,700
Used on farms where produced:					
Fed to calves	2,152	2,061	1,980	1,891	1,821
Consumed as fluid milk and cream	3,742	3,443	3,131	2,865	2,616
Used for farm-churned butter	595	470	361	287	225
Total used on farms	6,489	5,974	5,472	⁹ 5,164	4,662
Residual ¹⁰	1,093	1,197	2,511	1,175	-171
Total utilization	127,020	124,339	121,283	120,109	117,421

¹ Preliminary.² Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.³ Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.⁴ Total evaporated and sweetened condensed, beginning 1970.⁵ Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice cream.⁶ Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.

utilization, United States, 1964-78

1969	1970	1971	1972	1973	1974	1975	1976	1977	1978 ¹
<i>Million pounds</i> 116,108 316 -22	<i>Million pounds</i> 117,007 502 29	<i>Million pounds</i> 118,566 179 14	<i>Million pounds</i> 120,025 188 4	<i>Million pounds</i> 115,491 819 3	<i>Million pounds</i> 115,586 181 -33	<i>Million pounds</i> 115,334 181 -17	<i>Million pounds</i> 120,269 219 39	<i>Million pounds</i> 122,698 228 -16	<i>Million pounds</i> 121,928 231 -11
116,402	117,538	118,759	120,217	116,313	115,734	115,498	120,527	122,910	122,148
25,241 1,510 23,731	25,593 1,659 23,934	25,724 1,820 23,904	24,725 1,981 22,744	20,663 2,054 18,609	21,571 2,237 19,334	21,992 2,119 19,873	21,947 2,543 19,404	24,396 2,543 21,853	22,444 2,619 19,825
12,668 4,948 1,150	14,240 5,301 1,250	15,136 5,826 1,296	16,422 6,433 1,321	16,760 6,845 1,138	18,550 7,119 1,018	16,452 7,431 1,028	20,581 8,182 1,050	20,473 8,385 1,055	21,087 9,056 1,052
2,973 190)	4,2687	2,702	2,540	2,375	2,223	2,020	1,892	1,809	1,755
567 147 489	468 104 508	433 104 535	415 179 552	381 179 577	432 160 499	510 176 464	435 208 554	363 182 514	359 180 540
13,043	13,025	12,940	12,944	13,130	13,277	14,046	13,722	13,617	13,889
2,015 11,028 424	1,984 11,041 480	1,967 10,973 705	1,993 10,951 762	2,060 11,070 744	2,089 11,188 804	2,148 11,898 672	2,099 11,623 744	2,070 11,547 682	1,904 11,985 689
58,315	60,013	61,614	62,319	58,678	61,327	60,524	64,673	66,863	66,528
51,112 1,688	50,281 1,717	50,281 1,572	51,690 1,537	50,893 1,520	48,970 1,544	49,560 1,563	49,990 1,515	49,885 1,498	49,685 1,511
52,800	51,998	51,853	53,227	52,413	50,514	51,123	51,505	51,383	51,196
1,745 2,397 173)	1,702 2,306	1,635 2,117	1,624 1,914	1,584 1,766	1,558 1,643	1,567 1,505	1,562 1,404	1,548 1,295	1,488 1,166
4,315	4,008	3,752	3,538	3,350	3,201	3,072	2,966	2,843	2,654
972	1,519	1,540	1,133	1,872	692	779	1,383	1,821	1,770
116,402	117,538	118,759	120,217	116,313	115,734	115,498	120,527	122,910	122,148

⁷ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

⁸ Includes milk used for farm-churned butter, beginning 1970.

⁹ Includes some milk used for other purposes on farms or not utilized.

¹⁰ Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 541.—Marketings, income, and value of milk production, by States, 1978
(preliminary)

State	Milk sold to plants and dealers				Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Percent fluid grade ¹	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala	615	98	11.60	11,340	.....	.....	.....	9,302	40.0	3,721
Alaska . .	13.7	100	17.30	2,370	.....	.....	.....	186	50.0	93
Ariz . . .	850	100	11.10	94,350	.....	.....	.....	18,605	37.0	6,884
Ark	670	79	11.00	73,700	.....	.....	.....	6,977	31.0	2,163
Calif . . .	11,430	96	10.20	1,165,860	.....	.....	.....	166,047	38.0	63,098
Colo . . .	785	(²)	11.20	87,920	.....	.....	.....	19,870	44.0	8,391
Conn . . .	585	100	11.50	67,275	.....	.....	.....	7,442	47.0	3,498
Del	125	100	11.30	14,125	.....	.....	.....	465	43.0	200
Fla	1,925	100	12.80	246,400	.....	.....	.....	2,326	37.0	861
Ga	1,265	100	11.40	144,210	.....	.....	.....	4,186	55.0	2,302
Hawaii . .	147.3	100	16.10	³ 23,715	.....	.....	.....	.....	.....	.....
Idaho . . .	1,565	38	9.95	155,718	72	70	50	6,047	40.0	2,419
Ill	2,365	81	10.40	245,960	.....	.....	.....	930	45.0	419
Ind	2,125	90	10.70	227,375	224	103	231	5,116	45.0	2,302
Iowa . . .	3,885	55	10.10	392,385	604	118	713	6,977	34.0	2,372
Kans . . .	1,355	85	10.70	144,985	.....	.....	.....	3,256	40.0	1,302
Ky	2,160	77	10.20	220,320	.....	.....	.....	10,698	44.0	4,707
La	1,025	100	11.50	117,875	.....	.....	.....	5,581	44.0	2,456
Maine . . .	615	100	11.60	71,340	.....	.....	.....	3,721	43.0	1,600
Md	1,505	100	11.30	170,065	.....	.....	.....	3,721	43.0	1,600
Mass . . .	530	100	11.50	60,950	.....	.....	.....	14,884	43.0	6,400
Mich . . .	4,675	95	10.50	490,875	113	90	102	12,093	47.0	5,684
Minn . . .	8,925	54	9.86	880,005	251	115	289	.....	.....	.....
Miss . . .	810	95	11.10	89,910	.....	.....	.....	3,256	42.0	1,368
Mo	2,690	72	10.20	274,380	.....	.....	.....	6,512	50.0	3,256
Mont . . .	272	95	10.70	29,104	329	91	299	930	40.0	372
Nebr . . .	1,200	56	10.30	123,600	508	70	356	2,326	44.0	1,023
Nev	182	100	10.40	18,928	.....	.....	.....	465	45.0	209
N.H . . .	313	100	11.50	35,995	.....	.....	.....	4,186	43.0	1,800
N.J	490	100	11.10	54,390	.....	.....	.....	11,628	41.0	4,767
N. Mex . .	430	100	11.50	49,450	.....	.....	.....	6,512	50.0	3,256
N.Y	10,170	100	10.50	1,067,850	.....	.....	.....	43,256	41.0	17,735
N.C	1,485	97	11.40	169,290	.....	.....	.....	9,302	40.0	3,721
N. Dak . .	860	39	9.55	82,130	612	91	557	1,395	46.0	642
Ohio . . .	4,165	92	10.70	445,655	.....	.....	.....	7,442	45.0	3,349
Okla . . .	1,040	89	11.00	114,400	.....	.....	.....	6,977	51.0	3,558
Oreg . . .	990	87	10.80	106,920	.....	.....	.....	21,395	36.0	7,702
Pa	7,450	98	11.10	826,950	.....	.....	.....	149,302	34.0	50,763
R.I	51	100	11.60	5,916	.....	.....	.....	930	47.0	437
S.C	488	100	11.90	58,072	.....	.....	.....	3,721	49.0	1,823
S. Dak . .	1,510	31	9.80	147,980	1,495	114	1,704	2,326	40.0	930
Tenn . . .	2,030	82	10.60	215,180	.....	.....	.....	2,791	41.0	1,144
Tex	3,370	100	11.60	390,920	.....	.....	.....	13,953	52.0	7,256
Utah . . .	875	74	10.30	90,125	.....	.....	.....	18,605	33.0	6,140
Vt	2,135	100	11.20	239,120	.....	.....	.....	1,860	41.0	763
Va	1,840	92	11.00	202,400	.....	.....	.....	4,186	46.0	1,926
Wash . . .	2,520	100	10.60	267,120	.....	.....	.....	60,930	36.0	21,935
W. Va . .	316	(²)	10.70	33,812	.....	.....	.....	3,256	51.0	1,661
Wis	20,715	68	10.26	2,125,359	.....	.....	.....	6,512	34.0	2,214
Wyo	106	(²)	10.50	11,130	37	83	31	1,395	48.0	670
U.S . . .	117,644	83	10.58	12,445,204	4,245	102.0	4,332	702,979	38.8	272,892

See footnotes at end of table.

Table 541.—Marketings, income and value of milk production: by States, 1978 (preliminary)—Continued

State	Combined marketings of milk and cream				Used for milk, cream, and butter where produced		Gross producer income ⁶	Value of all milk produced ^{5,7}
	Milk utilized	Average returns ⁴		Cash receipts from marketings	Value ⁵			
		Per 100 pounds milk	Per pound milkfat		Milk utilized			
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	635	11.82	3.27	75,061	20	2,364	77,425	78,012
Alaska	14.1	17.47	5.21	2,463		70	2,533	2,586
Ariz	890	11.37	3.16	101,234	1	114	101,348	101,875
Ark	685	11.07	3.10	75,863	25	2,768	78,631	79,704
Calif	11,787	10.43	2.89	1,228,958	10	1,043	1,230,001	1,237,728
Colo	826	11.66	3.27	96,311	16	1,866	98,177	101,675
Conn	601	11.78	3.18	70,773	5	589	71,362	72,094
Del	126	11.37	3.07	14,325	2	227	14,552	14,667
Fla	1,930	12.81	3.69	247,261	12	1,537	248,798	249,539
Ga	1,274	11.50	3.15	146,512	10	1,150	147,662	148,350
Hawaii	147.3	16.10	4.64	23,715	1	161	23,876	24,150
Idaho	1,580	10.01	2.79	158,187	15	1,502	159,689	163,463
Ill	2,367	10.41	2.81	246,379	13	1,353	247,732	250,152
Ind	2,142	10.73	2.86	229,908	16	1,717	231,625	233,699
Iowa	3,917	10.10	2.74	395,470	44	4,444	399,914	407,434
Kans	1,362	10.74	2.94	146,287	16	1,718	148,005	150,145
Ky	2,183	10.31	2.80	225,027	111	11,444	236,471	239,398
La	1,037	11.60	3.18	120,331	22	2,552	122,883	123,308
Maine	623	11.71	3.20	72,940	7	820	73,760	74,710
Md	1,513	11.35	3.08	171,665	16	1,816	173,481	174,790
Mass	562	11.98	3.26	67,350	5	599	67,949	68,526
Mich	4,704	10.56	2.86	496,661	27	2,851	499,512	506,141
Minn	8,932	9.86	2.73	880,294	47	4,634	884,928	896,175
Miss	817	11.17	3.03	91,278	16	1,787	93,065	93,381
Mo	2,704	10.27	2.82	277,636	28	2,876	280,512	283,452
Mont	283	10.52	2.93	29,775	10	1,052	30,827	31,665
Nebr	1,219	10.25	2.79	124,979	25	2,563	127,542	130,073
Nev	183	10.46	2.98	19,137	2	209	19,346	19,696
N.H	322	11.74	3.14	37,795	3	352	38,147	38,625
N.J	515	11.49	3.11	59,157	3	345	59,502	60,323
N. Mex	444	11.87	3.42	52,706	9	1,068	53,774	54,365
N.Y	10,263	10.58	2.93	1,085,585	88	9,310	1,094,895	1,110,159
N.C	1,505	11.50	3.15	173,011	50	5,750	178,761	180,205
N. Dak	880	9.47	2.64	83,329	15	1,421	84,750	87,219
Ohio	4,181	10.74	2.89	449,004	48	5,155	454,159	459,135
Okla	1,055	11.18	3.13	117,958	22	2,460	120,418	121,862
Oreg	1,036	11.06	2.89	114,622	9	995	115,617	117,789
Pa	7,771	11.29	3.02	877,713	55	6,210	883,923	889,765
R.I	53	11.99	3.28	6,353	1	120	6,473	6,595
S.C	496	12.08	3.13	59,895	8	966	60,861	61,608
S. Dak	1,557	9.67	2.70	150,614	19	1,837	152,451	154,720
Tenn	2,036	10.62	2.85	216,324	51	5,416	221,740	227,056
Tex	3,400	11.71	3.30	398,176	11	1,288	399,464	402,004
Utah	915	10.52	2.97	96,265	11	1,157	97,422	98,362
Vt	2,139	11.21	3.04	239,883	17	1,906	241,789	244,378
Va	1,849	11.05	3.03	204,326	34	3,757	208,083	210,171
Wash	2,651	10.90	2.95	289,055	8	872	289,927	292,338
W. Va	323	10.98	2.97	35,473	15	1,647	37,120	37,771
Wis	20,729	10.26	2.74	2,127,573	163	16,724	2,144,297	2,180,455
Wyo	110	10.76	3.00	11,831	4	430	12,261	12,589
U.S	119,273	10.67	2.91	12,722,428	1,166	125,012	12,847,440	13,004,082

¹Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.

²Not published to avoid disclosing individual operations.

³Based on unrounded value. Includes milk sold directly to consumers.

⁴Cash receipts divided by milk or milkfat represented in combined marketings.

⁵Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

⁶Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

⁷Includes value of milk fed to calves.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 542.—Marketings, income and value of milk production, United States, 1964–78

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	114,176	4.15	4,737,507	160,650	60.2	96,660	866,512	22.3	192,666
1965	112,720	4.23	4,766,723	132,170	61.1	80,725	853,300	22.3	190,279
1966	109,699	4.81	5,272,421	107,920	67.2	72,559	813,200	23.2	188,418
1967	109,433	5.01	5,486,975	85,970	68.2	58,600	819,200	24.0	196,656
1968	108,811	5.24	5,703,747	71,140	68.7	48,903	826,800	24.8	204,632
1969	108,497	5.49	5,952,967	57,950	68.9	39,955	785,002	25.8	202,750
1970	110,089	5.71	6,281,063	42,644	70.0	29,866	798,606	27.0	215,646
1971	112,242	5.87	6,582,995	35,969	69.1	24,859	731,162	27.9	204,223
1972	114,152	6.07	6,926,955	28,737	67.8	19,478	714,841	27.8	198,855
1973	109,948	7.14	7,854,895	24,288	67.3	16,338	706,946	31.0	218,936
1974	110,420	8.33	9,193,111	15,287	63.2	9,669	717,955	34.9	250,867
1975	110,385	8.75	9,657,132	11,437	70.3	8,039	726,837	35.4	257,362
1976	115,558	9.66	11,165,363	8,350	83.4	6,966	704,510	36.4	256,126
1977	118,172	9.72	11,489,633	6,736	92.0	6,197	696,557	36.7	255,900
1978 ¹	117,644	10.58	12,445,204	4,245	102.0	4,332	702,979	38.8	272,892

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products ⁴	Farm value of all milk produced ^{3, 5}		
	Milk utilized	Average returns ²		Cash receipts from marketings	Milk utilized	Value ³				
		Per 100 pounds milk	Per pound milkfat							
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		
1964	120,478	4.17	1.13	5,026,833	4,337	192,053	5,218,886	5,304,899		
1965	118,206	4.26	1.15	5,037,727	3,913	174,844	5,212,571	5,296,774		
1966	114,440	4.84	1.31	5,533,398	3,492	174,943	5,708,341	5,801,039		
1967	113,567	5.06	1.37	5,742,231	3,152	164,830	5,907,061	6,005,639		
1968	112,563	5.29	1.44	5,957,282	2,841	154,853	6,112,135	6,206,150		
1969	111,793	5.54	1.51	6,195,672	2,570	146,106	6,341,778	6,434,834		
1970	112,999	5.78	1.58	6,526,575	2,306	136,094	6,662,669	6,757,294		
1971	114,814	5.93	1.62	6,812,077	2,117	128,100	6,940,177	7,034,801		
1972	116,487	6.13	1.67	7,145,288	1,914	119,285	7,264,573	7,361,435		
1973	112,141	7.21	1.97	8,090,169	1,766	129,431	8,219,600	8,331,450		
1974	112,385	8.41	2.29	9,453,647	1,643	140,079	9,593,726	9,723,186		
1975	112,262	8.84	2.40	9,922,533	1,505	133,940	10,056,473	10,192,739		
1976	117,303	9.74	2.66	11,428,455	1,404	137,998	11,566,453	11,714,591		
1977	119,856	9.80	2.68	11,751,730	1,295	127,699	11,879,429	12,027,741		
1978 ¹	119,273	10.67	2.91	12,722,428	1,166	125,012	12,847,440	13,004,082		

¹ Preliminary.² Cash receipts divided by milk or milkfat represented in combined marketings.³ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.⁴ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.⁵ Includes value of milk fed to calves. For 1967, also includes value of milk used for other purposes on farms or not utilized.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 544

¹ All prices are f.o.b. factory. Geographic division prices are straight averages of monthly prices prior to 1977. U.S. prices represent weighted average prices of milk for evaporated milk.² Idaho, Montana, Oregon, Washington, and Wyoming, through 1970.³ Arizona, California, Colorado, Nevada, New Mexico, and Utah, through 1970.⁴ Not shown separately to avoid disclosure of individual operations.⁵ Pertains to entire North Central region beginning 1971.⁶ Pertains to entire Western region beginning 1971.⁷ Includes South Atlantic region beginning 1972.⁸ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 543.—Federal Milk Order Markets: Measures of growth, 1964–78

Year	Markets ¹	Population of Federal milk marketing areas ²	Handlers ¹	Producers ³	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>
1964	77	99,333	2,010	167,503	54,447	33,965	62.4
1965	73	102,351	1,891	158,077	54,444	34,561	63.5
1966	71	98,307	1,724	145,964	53,012	34,805	65.7
1967	74	103,566	1,650	140,657	53,761	34,412	64.0
1968	67	117,013	1,637	141,623	56,444	36,490	64.6
1969	67	122,319	1,628	144,275	61,026	39,219	64.3
1970	62	125,721	1,588	143,411	65,104	40,063	61.5
1971	62	142,934	1,529	141,347	67,872	40,268	59.3
1972	62	142,934	1,487	136,883	68,719	40,938	59.6
1973	61	141,472	1,355	131,565	66,229	40,519	61.2
1974	61	141,546	1,312	126,805	67,778	39,293	58.0
1975	56	144,467	1,315	123,855	69,249	40,106	57.9
1976	50	149,493	1,305	122,675	74,586	40,985	54.9
1977	47	149,786	1,260	122,755	77,947	41,125	52.8
1978	47	149,824	1,187	119,398	78,107	41,146	52.7

Year	Prices at 3.5 percent butterfat content per hundredweight ⁴		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	4.87	4.23	70	48	888	14,174	2,374,137
1965	4.93	4.31	70	48	944	15,300	2,418,526
1966	5.55	4.95	70	48	994	18,526	2,630,908
1967	5.85	5.17	71	49	1,056	20,321	2,858,351
1968	6.23	5.53	74	52	1,089	22,561	3,195,087
1969	6.50	5.74	77	56	1,164	24,892	3,591,293
1970	6.74	5.95	79	59	1,244	27,636	3,963,311
1971	6.90	6.08	80	60	1,316	29,893	4,225,340
1972	7.10	6.31	78	60	1,372	32,439	4,440,288
1973	8.03	7.31	78	60	1,386	37,461	4,928,514
1974	9.35	8.36	78	61	1,464	45,376	5,753,852
1975	9.36	8.64	79	63	1,532	49,233	6,097,768
1976	10.70	9.75	80	65	1,661	60,277	7,394,486
1977	10.59	9.69	80	66	1,740	62,692	7,695,764
1978	11.40	10.56	80	66	1,792	70,477	8,414,788

¹End of year. (Date on which pricing provisions became effective.) ²End of year. Data for 1964–70 and 1971–78 according to the 1960 and 1970 U.S. Census of Population, respectively. ³Average for year. ⁴Weighted averages.

Agricultural Marketing Service.

Table 544.—Milk: Average price per hundredweight paid producers by condenseries for milk of actual milkfat content, to be used primarily for evaporated milk, by geographic divisions, 1964–78¹

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western ²	South-western ³	United States
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	3.31	3.42	3.31	3.45	3.44	3.27	3.49	3.37
1965	3.41	3.43	3.36	3.52	3.45	3.37	3.56	3.41
1966	4.00	4.03	4.09	4.02	3.99	3.83	3.99	3.98
1967	4.11	4.20	4.18	4.04	4.08	3.98	4.11	4.10
1968	4.35	4.28	4.32	4.14	4.16	4.05	4.24	4.21
1969	4.43	4.41	4.51	4.41	4.33	4.36	4.42	4.41
1970	4.64	4.50	4.61	4.68	4.43	4.71	4.58	4.52
1971	(4)	4.65	4.65		4.57	4.90		4.68
1972	(4)		4.79		4.64	4.89		4.76
1973	(4)		5.54		5.64	5.66		5.64
1974	(4)		7.16		7.19	6.98		7.13
1975	(4)		7.29		7.22	7.77		7.40
1976	(4)		8.33		8.29	8.42		8.32
1977	(4)		8.46		8.39	8.63		8.45
1978	(4)		9.16		9.24	9.38		9.22

See footnotes on page 372.

Table 545.—Milk markets under Federal marketing program: Blend and Class I milk ducers, deliveries by producers, producer deliveries used in Class I, Class I utilization by markets, 1977 and 1978

Marketing area	Average minimum prices per 100 pounds payable to producers				Average number of producers	
	Blend price ¹		Class I price			
	1977	1978	1977	1978	1977	1978
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Number</i>	<i>Number</i>
Black Hills, S. Dak. ³	9.58	10.59	10.45	11.27	100	93
Central Arizona ⁴	10.10	11.06	11.00	11.82	160	156
Central Arkansas ⁵	10.10	11.00	10.42	11.23	719	751
Central Illinois ⁶	9.43	10.33	9.87	10.70	464	521
Chicago Regional, Ill.-Wis. ⁷	9.08	10.02	9.74	10.55	16,898	16,832
Eastern Colorado, Colo.-Kans. ⁸	10.22	11.05	10.78	11.60	956	925
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. ⁹	9.59	10.37	10.33	11.14	7,394	7,024
Eastern South Dakota, S. Dak.-Iowa-Minn. ¹⁰	9.25	10.18	9.88	10.70	489	468
Georgia ¹¹	10.31	11.16	10.78	11.60	1,321	1,378
Great Basin, Utah-Nev.-Wyo. ¹²	9.60	10.55	10.39	11.20	780	721
Greater Kansas City, Mo.-Kans. ¹³	9.45	10.38	10.22	11.03	1,623	1,413
Greater Louisiana ¹⁴	10.57	11.36	10.94	11.75	834	814
Indiana ¹⁵	9.48	10.36	9.93	10.75	3,710	3,428
Inland Empire, Wash.-Idaho ¹⁶	9.52	10.43	10.44	11.23	322	315
Iowa, Iowa-Ill. ¹⁷	9.25	10.13	9.87	10.69	3,087	3,310
Lake Mead, Nev.-Utah ¹⁸	9.70	10.64	10.08	10.89	40	49
Louisville-Lex.-Evans, Ky.-Ind.	9.58	10.44	10.18	10.99	2,304	2,227
Lubbock-Plainview, Texas	10.55	11.48	10.90	11.72	90	66
Memphis, Tenn.-Miss.-Ark.	10.11	10.94	10.41	11.23	490	541
Michigan Upper Peninsula, Mich.-Wis. ¹⁹	9.27	10.15	9.83	10.64	205	198
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. ²⁰	10.10	10.90	11.26	12.06	8,004	7,539
Nashville, Tenn.-Ky.	9.56	10.49	10.33	11.14	864	763
Nebraska-Western Iowa, Nebr.,-Iowa-S. Dak. ²¹	9.30	10.23	10.08	10.89	1,602	1,603
Neosho Valley, Kans.-Mo. ²²	9.98	10.76	10.15	10.95	37	28
New England, Mass.-Conn.-N.H.-R.I.-Vt. ²³	10.39	11.24	11.46	12.27	8,030	7,769
New Orleans-Mississippi, La.-Miss. ²⁴	10.62	11.46	11.33	12.14	1,658	1,698
New York-New Jersey ²⁵	9.85	10.71	11.12	11.91	18,820	18,030
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. ²⁶	9.60	10.48	10.19	11.00	6,295	5,860
Oklahoma Metropolitan ²⁷	9.83	10.68	10.46	11.27	1,453	1,430
Oregon-Washington ²⁸	9.66	10.54	10.44	11.25	1,010	2,515
Paducah, Ky.-Mo.	9.86	10.73	10.17	10.99	208	209
Puget Sound, Wash. ²⁹	9.36	10.28	10.34	11.16	1,240	1,218
Red River Valley, Texas-Okla. ³⁰	10.07	10.90	10.66	11.46	244	187
Rio Grande Valley, N. Mex.-Texas-Colo. ³¹	10.33	11.05	10.83	11.64	184	174
St. Louis-Ozarks, Mo.-Ill.-Ark. ³²	9.53	10.42	10.08	10.90	2,947	3,038
Southeastern Florida ³³	11.59	12.25	11.63	12.44	88	97
Southern Illinois ³⁴	9.49	10.38	10.01	10.82	1,925	1,776
Southern Michigan ³⁵	9.43	10.32	10.08	10.89	6,845	6,575
Tampa Bay, Fla.	11.31	12.01	11.42	12.23	117	120
Tennessee Valley, Tenn.-Va.-W. Va.-Ky.-Ga. ³⁶	10.10	10.97	10.58	11.39	1,802	1,667
Texas ³⁷	10.23	11.13	10.80	11.61	3,325	3,121
Texas Panhandle, Texas-Okla. ³⁸	10.12	11.19	10.73	11.54	175	196
Upper Florida ³⁹	11.36	12.01	11.32	12.14	183	176
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa ⁴⁰	8.86	9.78	9.60	10.43	13,150	13,376
Western Colorado ⁴¹	10.04	11.11	10.48	11.31	58	56
Wichita, Kans. ⁴²	9.57	10.51	10.28	11.09	505	480

¹Minimum blend price in market pools; weighted average of dealers' blend prices in individual-handler pools; purchase no milk from other producers. ³Rapid City, South Dakota. ⁴Phoenix. ⁵Little Rock. ⁶Peoria. ⁷Pennsylvania. ⁸Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. ¹⁵Indianapolis. ¹⁶Spokane, Washington. ¹⁷Zone I (Des Moines). ¹⁸Class I prices at other points in the marketing (Marquette). ²⁰Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential (Boston); for 1977, nearby plant zone (Boston and Hartford). Price at 201–210 mile zone: Class I and blend, 50 cents ²⁵New York metropolitan area. Price excludes a 15-cent direct delivery differential. Prices at 201–210 mile zone: Class (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) five cents more. ³²Zone I (St. Louis and Springfield). ³³Miami. ³⁴Base zone (Alton). ³⁵Class I and blend price at delivered to Detroit of 10 cents. ³⁶Bristol, Chattanooga, and Knoxville. ³⁷Zone I (Dallas). ³⁸Class I price at Junction. ⁴²Zone I (Wichita).

Agricultural Marketing Service. Compiled from reports of market administrators.

prices at 3.5 percent fat test, f.o.b. city plants, unless indicated otherwise, number of pro-
percentage, average daily deliveries per producer, and average fat test of milk delivered

Producer deliveries ²		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>
73	77	38	47	52	61	2,279	2,334	3.64	3.65
866	372	538	566	62	66	15,428	15,792	3.57	3.61
382	853	322	324	84	87	1,996	1,990	3.48	3.54
258	279	162	166	63	60	1,529	1,474	3.74	3.71
10,067	10,186	3,053	3,017	30	30	1,632	1,658	3.72	3.72
819	879	605	630	74	72	2,371	2,609	3.58	3.58
3,493	3,434	2,099	2,059	60	60	1,294	1,338	3.68	3.68
292	278	136	139	46	50	1,717	1,655	3.60	3.61
1,528	1,580	1,189	1,227	78	78	3,175	3,143	3.67	3.65
771	747	423	440	55	59	2,710	2,847	3.55	3.55
971	856	510	483	52	56	1,697	1,715	3.63	3.64
625	640	527	531	84	83	2,063	2,164	3.66	3.66
2,024	1,932	1,334	1,326	66	69	1,513	1,543	3.76	3.77
288	312	143	161	50	52	2,450	2,713	3.72	3.69
1,687	1,839	750	769	44	42	1,533	1,547	3.71	3.71
136	136	92	101	68	74	9,366	7,670	3.36	3.38
1,197	1,148	742	703	62	61	1,424	1,412	3.69	3.67
75	71	65	64	86	90	5,133	5,067	3.47	3.56
308	302	259	251	84	83	2,283	2,247	3.65	3.66
84	88	48	50	57	57	1,126	1,216	3.68	3.68
5,664	5,420	3,266	2,995	58	55	1,939	1,970	3.70	3.70
586	495	327	297	56	60	1,856	1,779	3.69	3.66
1,092	1,066	549	533	50	50	1,910	1,864	3.66	3.68
7	9	6	7	91	83	1,786	1,531	3.67	3.71
4,993	5,046	2,937	2,920	59	58	1,703	1,779	3.66	3.67
1,101	1,136	790	793	72	70	1,821	1,832	3.65	3.64
9,629	9,877	4,544	4,719	47	48	1,402	1,501	3.60	3.62
3,156	2,954	1,942	1,832	62	62	1,374	1,382	3.71	3.71
834	813	546	545	66	67	2,083	2,102	3.52	3.58
1,407	1,454	794	826	56	57	3,814	4,053	3.77	3.77
121	113	94	89	78	79	1,601	1,482	3.79	3.76
1,677	1,758	688	732	41	42	3,705	3,955	3.71	3.68
131	111	93	77	71	69	2,045	2,173	3.50	3.52
421	483	329	343	78	71	8,935	10,215	3.42	3.47
1,805	1,848	1,212	1,264	67	68	1,682	1,669	3.64	3.65
763	785	694	726	91	92	24,800	23,053	3.58	3.50
1,095	1,013	583	574	53	57	1,560	1,564	3.70	3.69
4,179	4,208	2,252	2,290	54	54	1,677	1,759	3.69	3.69
538	534	473	485	88	91	11,589	11,233	3.50	3.44
1,160	1,101	861	839	74	76	1,763	1,810	3.74	3.73
3,457	3,419	2,599	2,641	75	77	2,861	3,013	3.53	3.56
104	91	76	77	73	84	2,923	2,824	3.38	3.49
666	681	617	639	93	94	10,380	11,132	3.45	3.47
7,001	7,305	1,557	1,580	22	22	1,460	1,497	3.68	3.69
73	71	55	62	75	88	3,546	3,594	3.58	3.61
342	306	205	204	60	67	2,179	2,140	3.62	3.64

weighted average of base and excess payments where such payments are used. ²Excludes producer-handlers who
⁷Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. ⁸Denver. ⁹Zone I (Erie,
¹⁰Sioux Falls. ¹¹Atlanta. ¹²Salt Lake City, Utah. ¹³Kansas City and Topeka. ¹⁴Monroe and Shreveport.
area: Rock Island, IL., minus seven cents; and Waterloo, minus 16 cents. ¹⁵Las Vegas, Nevada. ¹⁶Zone I
applicable to milk delivered to Philadelphia. ¹⁷Zone I (Omaha). ¹⁸Pittsburgh, Kansas. ¹⁹For 1978, Zone I
less in 1978, 40 cents less in 1977. Class I price at Hartford is 11 cents less in 1978. ²⁰Zone I (New Orleans).
I and blend, 36 cents less. ²¹Central zone (Cincinnati and Columbus). Class I and blend price at Toledo
²²Oklahoma City. ²³Portland. ²⁴District I (Seattle). ²⁵Wichita Falls, Texas. ²⁶Albuquerque, Santa Fe, and
Carbondale (Southeastern zone) seven cents more. ²⁷Price excludes direct delivery differentials applicable to milk
Houston, plus 36 cents. ²⁸Amarillo. ²⁹Jacksonville and Tallahassee. ³⁰Zone I (Minneapolis). ³¹Grand

Table 546. — Milk markets under Federal marketing programs: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1977 and 1978¹

Marketing area	Whole milk ²			Lowfat and skim milk items ³			Total		
	Quantity		Milkfat test	Quantity		Milkfat test	Quantity		Milkfat test
	1977	1978		1977	1978		1977	1978	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>
Black Hills, South Dakota	14,799	14,907	3.32	18,754	19,691	1.91	33,554	34,598	2.53
Central Arizona	342,193	348,050	3.50	198,977	218,866	1.43	541,169	566,917	2.74
Central Arkansas	186,200	165,216	3.44	69,901	75,523	1.56	226,101	240,739	2.86
Central Illinois	122,802	114,097	3.27	116,007	120,363	1.67	238,809	234,460	2.49
Chicago Regional, Ill.-Wis	1,647,010	1,569,781	3.31	1,273,745	1,342,088	1.59	2,920,754	2,911,869	2.56
Eastern Colorado, Colo.-Kans	299,819	310,254	3.30	275,683	290,012	1.77	575,502	600,266	2.57
Eastern Ohio-Western Pa., Ohio-W. Va.-Pa	1,540,684	1,460,954	3.29	602,008	633,053	1.69	2,142,693	2,094,006	2.84
Eastern South Dakota, S. Dakota, Iowa-Minn	40,628	39,082	3.28	66,893	70,300	1.78	107,522	109,382	2.35
Fort Smith, Arkansas	18,196	18,269	3.32	6,722	8,009	1.34	24,918	26,278	2.79
Georgia	652,543	644,810	3.31	385,539	381,323	1.28	1,038,082	1,026,133	2.56
Great Basin, Utah-New-Wyo	167,964	170,369	3.28	247,849	262,381	1.88	415,813	432,750	2.44
Greater Kansas City, Mo.-Kans	288,304	278,879	3.29	246,275	250,097	1.54	534,579	528,976	2.48
Greater Louisiana	461,120	461,380	3.57	115,714	123,909	1.61	576,834	585,289	3.18
Indiana	697,751	593,977	3.30	606,664	623,661	1.72	1,234,415	1,217,658	2.52
Inland Empire, Wash.-Idaho	48,379	50,261	3.34	96,182	103,362	1.78	144,561	153,624	2.30
Iowa, Iowa-III	279,001	276,661	3.39	419,338	439,026	1.66	698,339	703,792	2.35
Lake Mead, Nev.-Utah	79,363	88,334	3.44	41,874	48,643	1.77	121,237	136,977	2.86
Louisville-Lex.-Evans, Ky.-Ind	373,027	352,135	3.29	305,796	318,376	1.75	678,823	670,511	2.60
Lubbock-Plainview, Texas	57,776	54,911	3.39	15,687	17,666	1.45	73,463	72,578	2.97
Memphis, Tenn.-Miss-Ark	159,363	154,234	3.36	72,384	68,662	1.22	231,758	222,896	2.69
Michigan Upper Peninsula, Mich.-Wis	55,475	52,278	3.36	43,629	47,690	1.69	99,103	99,968	2.62
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va	2,111,834	2,026,413	3.31	809,865	851,361	1.26	2,921,699	2,877,774	2.74
Nashville, Tenn.-Ky	259,186	249,012	3.31	125,934	126,120	1.48	385,121	375,133	2.71
Nebraska-Western Iowa, Nebr-Iowa-S. Dak	263,930	251,513	3.32	246,738	255,702	1.59	510,668	507,215	2.48
New England, Mass.-Conn.-N.H.-R.I.-Vt	52,852	52,176	3.34	24,953	25,652	1.38	77,805	77,827	2.71
New Orleans-Mississippi, La.-Miss	2,308,683	2,245,490	3.40	595,267	640,100	.97	2,903,951	2,885,591	2.90
Ohio Valley, Ind.-Ky	624,254	602,672	3.58	143,617	153,706	1.43	767,871	756,378	3.18
Mich.-Ohio-W. Va	1,272,555	1,213,274	3.27	778,792	806,746	1.67	2,051,347	2,020,020	2.66
Oklahoma Metropolitan	317,532	307,116	3.30	108,304	109,811	1.39	425,837	416,927	2.80
Oregon-Washington	362,317	360,633	3.36	443,092	470,955	1.80	805,408	831,588	2.48

Paducah, Ky.-Mo.	62,026	60,046	3.26	3.24	28,129	28,650	1.41	1.44	90,155	88,696	2.68	2.66
Puget Sound, Wash.	259,111	260,877	3.33	3.33	366,532	389,712	1.84	1.84	625,643	650,589	2.46	2.44
Red River Valley, Okla.-Texas	118,268	114,397	3.38	3.35	22,649	23,270	1.21	1.23	140,917	137,666	3.03	3.00
Rio Grande Valley, N. Mex.-Texas												
Texas Colo.	296,015	296,214	3.36	3.38	76,062	84,830	1.49	1.47	372,077	381,044	2.98	2.95
St. Louis-Ozarks, Mo.-Ill.-Ark.	380,914	350,919	3.25	3.25	307,244	309,632	1.49	1.52	688,158	660,551	2.47	2.44
Southeastern Florida	495,499	502,097	3.36	3.33	199,160	213,290	1.30	1.29	694,659	715,387	2.77	2.72
Southern Illinois	267,897	266,786	3.25	3.24	251,424	253,152	1.73	1.71	519,321	519,938	2.52	2.49
Southern Michigan	1,487,004	1,433,178	3.25	3.25	751,265	768,023	.96	1.01	2,238,270	2,201,201	2.48	2.47
Tampa Bay, Fla.	388,777	383,307	3.31	3.28	148,227	162,272	1.13	1.10	537,005	545,579	2.71	2.63
Tenn., Tenn.-Ky.-Va.-W. Va.-Ga.	419,693	410,083	3.35	3.34	310,000	332,212	1.60	1.59	729,693	742,295	2.60	2.56
Texas	1,831,001	1,878,104	3.40	3.35	600,879	604,027	1.26	1.23	2,431,881	2,482,130	2.87	2.84
Texas Panhandle, Texas-Okla.	69,923	69,960	3.39	3.35	15,751	16,525	1.51	1.51	85,674	86,485	3.04	3.00
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa	451,349	461,472	3.28	3.26	162,371	177,791	1.22	1.23	613,720	639,263	2.73	2.70
Western Colorado	431,806	398,619	3.28	3.28	984,461	1,011,929	1.50	1.50	1,416,267	1,410,549	2.04	2.00
Wichita, Kansas	25,411	29,599	3.33	3.32	17,429	22,071	1.86	1.80	42,841	51,670	2.73	2.67
	117,780	114,486	3.27	3.27	75,154	79,885	1.58	1.56	192,933	194,371	2.61	2.57

¹ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

² Plain and flavored whole milk.

³ Plain, fortified, and flavored skim and lowfat milk and buttermilk.

Agricultural Marketing Service. Compiled from reports of market administrators.

Table 547.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1964–78

Year	Milk cows, per head ¹	Milk per 100 pounds ²						Milkfat in cream, per pound ⁴
		Eligible for fluid market ³		Of manufacturing grade		All milk wholesale		
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Cents</i>
1964	209.00	4.58	3.71	3.26	3.70	4.15	3.71	60.2
1965	212.00	4.63	3.71	3.34	3.70	4.23	3.70	61.1
1966	246.00	5.17	3.70	3.97	3.69	4.81	3.69	67.2
1967	260.00	5.43	3.69	4.06	3.68	5.02	3.69	68.2
1968	274.00	5.67	3.67	4.22	3.67	5.24	3.67	68.4
1969	300.00	5.87	3.68	4.45	3.67	5.49	3.67	68.9
1970	332.00	6.05	3.67	4.70	3.65	5.71	3.66	70.0
1971	358.00	6.19	3.67	4.86	3.65	5.87	3.66	69.1
1972	393.00	6.38	3.68	5.08	3.66	6.07	3.68	67.5
1973	496.00	7.42	3.66	6.20	3.65	7.14	3.66	67.2
1974	500.00	8.66	3.67	7.13	3.66	8.33	3.67	63.5
1975	412.00	9.02	3.67	7.63	3.66	8.75	3.67	70.1
1976	478.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977	504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978 ⁵	675.00	10.80	3.66	9.65	3.67	10.60	3.67	102.0

Year	Prices paid by plants for manufacturing grade milk of average fat test for specific purposes ⁶							
	Milk for evaporated milk ⁷		Milk for butter and byproducts		Milk for cheese			
					American cheese		All cheese	
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
1964	3.37	3.92	3.26	3.66	3.28	3.76	3.29	3.73
1965	3.41	3.90	3.34	3.67	3.36	3.76	3.39	3.74
1966	3.98	3.88	3.90	3.68	4.03	3.75	3.04	3.73
1967	4.10	3.87	4.08	3.69	4.06	3.74	4.05	3.73
1968	4.21	3.83	4.25	3.68	4.22	3.73	4.23	3.73
1969	4.41	3.82	4.42	3.67	4.51	3.72	4.54	3.72
1970	4.52	3.80	4.62	3.61	4.76	3.68	4.80	3.68
1971	4.68	3.79	4.82	3.61	4.89	3.68	4.92	3.67
1972	4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
1973	5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
1974	7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975	7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976	8.32	3.63	8.39	3.60	8.60	3.65	8.65	3.66
1977	8.45	3.60	8.58	3.60	8.73	3.66	8.77	3.67
1978 ⁵	9.22	3.60	9.54	3.63	9.71	3.68	9.76	3.68

¹ Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year.

² Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

³ Milk eligible for fluid market, including surplus diverted to manufacturing.

⁴ Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

⁵ Preliminary.

⁶ Monthly average prices and tests weighted by estimated production in each month. Price f.o.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

⁷ Includes milk for canned condensed milk.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 548.—Dairy products: Factory production of specified items, by States, 1976–78

State	Butter			Total American cheese ²			Total cheese ³		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala									
Ariz									
Ark				7,589	8,264	8,758	12,834	13,053	15,543
Calif	147,036	156,942	138,935	8,973	12,366	15,372	112,112	125,777	136,956
Colo	4,861	4,531	5,091						
Conn							4,499	4,607	6,502
Del									
Fla									
Ga									
Idaho	6,993	9,408	7,214	66,785	62,904	67,981	88,637	87,789	92,811
Ill	12,759	9,777	3,709	17,269	12,395	6,688	94,724	91,201	90,213
Ind	22,769	12,259	12,263	28,964	28,426	28,418	33,433	31,790	31,245
Iowa	39,668	49,767	35,268	101,531	95,137	91,301	179,125	174,854	178,951
Kans	14,815	16,154	13,103	29,945	26,448	23,683	31,536	28,150	25,616
Ky	19,406	14,302	13,873	49,450	49,121	44,441	64,904	69,600	67,218
La									
Maine									
Md									
Mass							6,123	5,786	7,780
Mich	27,953	34,791	28,455	18,431	19,046	20,796	34,140	32,831	32,001
Minn	177,454	198,635	170,575	365,162	344,573	381,597	430,491	410,628	451,569
Miss					10,277	9,609		10,425	9,789
Mo	20,914	21,589	21,921	51,476	49,588	49,921	69,916	72,671	85,297
Mont	1,919	2,019	1,947	1,844			1,844		
Nebr	17,623	15,974		32,177	30,841	29,448	62,859	57,445	59,245
Nev									
N.H									
N.J							16,843	15,492	21,788
N. Mex									
N.Y	28,223	37,253	35,231	80,313	78,907	81,766	255,639	260,327	282,927
N.C									
N. Dak	7,230	6,590	6,099	51,962	53,443	49,776	51,962	53,443	49,776
Ohio	21,638	36,225	29,935	26,284	27,774	29,880	80,748	77,948	87,848
Okla	20,300	20,316	24,022	7,159			7,326		
Oreg	12,379	14,045	14,280		26,670	27,310	26,660	26,762	27,439
Pa	23,441	32,092	38,412	37,027	36,233	35,406	87,743	93,706	95,617
R.I							1,572		
S.C									
S. Dak	9,705	10,671	10,188	43,177	41,822	42,727	65,144	65,861	63,604
Tenn	18,277	21,263	20,675	20,536	20,509	18,892	34,838	38,756	30,390
Tex	3,895	2,667					11,661	17,751	12,177
Utah	5,653	5,507	4,654	43,580	43,140	40,315	63,766	62,330	60,464
Vt	7,090	6,034	5,018	18,608	17,485	22,845	54,740	57,290	67,388
Va									
Wash	31,671	31,358	29,751	16,319		23,938	30,501	33,562	40,836
W. Va									
Wis	230,211	256,504	249,822	835,505	869,291	877,226	1,241,180	1,278,890	1,332,005
Wyo									
U.S. ⁴	978,631	1,085,595	994,290	2,048,828	2,043,063	2,074,202	3,320,246	3,358,535	3,519,338

See footnotes at end of table.

Table 548.—Dairy products: Factory production of specified items, by States, 1976–78—Continued

State	Evaporated and sweetened condensed whole milk (case goods) ⁵			Nonfat dry milk			Total ice cream		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Ala							12,948	12,479	12,315
Ariz							7,157	7,188	6,454
Ark							4,667	4,656	4,714
Calif	130,374			161,196	179,865	156,897	86,800	85,370	88,230
Colo							8,164	8,654	8,728
Conn							16,224	15,131	18,662
Del									
Fla							27,729	29,848	31,149
Ga							6,998	6,186	5,849
Idaho				6,536	12,611	7,523	3,208	3,234	3,257
Ill							45,390	42,004	39,956
Ind							27,049	27,037	26,624
Iowa				82,155	101,847	77,512	11,263	10,074	11,376
Kans							7,583	7,325	5,969
Ky							4,599	5,275	5,192
La							10,644	10,829	9,167
Maine							5,942	5,381	4,202
Md							18,816	18,745	20,424
Mass							46,320	45,255	42,909
Mich				41,985	49,274	48,469	34,372	34,692	34,909
Minn				186,872	228,576	174,993	29,528	30,906	31,879
Miss							4,942	5,025	4,822
Mo							18,631	18,256	17,940
Mont							1,684	1,575	1,731
Nebr				14,028			8,895	10,072	10,156
Nev							1,150	1,223	1,162
N.H							1,048	1,047	1,093
N.J							14,048	11,652	5,837
N. Mex									
N.Y				32,466	52,044	44,303	63,052	59,542	61,234
N.C							27,966	26,563	26,341
N. Dak				8,264	6,167	4,983	2,843	2,568	2,432
Ohio	154,357	136,659	133,341	37,701	37,413	34,189	48,574	48,303	49,035
Okla					10,348	10,594	8,069	8,492	8,893
Oreg							7,235	7,386	7,952
Pa	99,094			9,731	23,100	18,959	70,721	68,338	71,290
R.I							1,537	1,474	1,466
S.C							10,253	14,726	14,872
S. Dak				43,367	45,266	36,156	128	124	109
Tenn				20,221	13,571		17,441	18,008	19,417
Tex							35,542	36,705	37,435
Utah							6,708	6,681	7,322
Vt							151	158	201
Va							8,428	8,156	8,175
Wash				40,080			16,725	17,110	16,257
W. Va							2,659	2,584	2,520
Wis				105,994	140,573	110,283	18,253	17,842	18,885
Wyo									
U.S. ⁴	932,123	818,927	787,866	926,183	1,106,619	920,422	818,241	809,849	815,099

¹ Preliminary.² Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.³ Includes full-skim American cheese; excludes cottage cheese.⁴ Includes data for individual States which have less than 3 plants and are not shown separately.⁵ Combined to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 549.—Dairy products: Quantities manufactured, United States, 1971-78

Product	1971	1972	1973	1974	1975	1976	1977	1978 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter	1,143,695	1,101,910	918,618	961,724	983,791	978,631	1,085,595	994,290
American cheese:								
Whole milk	1,511,508	1,644,287	1,672,515	1,858,602	1,654,580	2,048,828	2,043,063	2,074,202
Part skim	6,977	8,137	5,117	3,703	5,368	4,951	4,110	4,866
Swiss cheese (including block)	153,843	177,773	164,221	175,345	173,758	196,327	189,259	209,362
Munster cheese	39,819	45,696	45,687	48,640	52,090	55,326	55,419	59,313
Brick cheese	22,423	21,771	23,119	23,545	19,593	19,252	15,887	16,883
Limburger cheese	2,599	2,531	2,586	2,436	1,902	1,876	1,723	1,606
Cream and Neufchatel cheese	129,829	133,258	139,664	150,258	160,298	168,020	176,421	198,255
Blue cheese	25,219	28,549	29,759	28,262	28,506	33,885	34,776	35,347
All Italian varieties of cheese	453,861	512,143	565,270	606,096	671,860	747,405	793,489	875,310
All other varieties of cheese ²	28,239	30,460	37,412	40,483	43,452	44,376	44,388	44,194
Total of all cheese ² . .	2,374,315	2,604,605	2,685,350	2,937,370	2,811,407	3,320,246	3,358,535	3,519,338
Cottage cheese:								
Curd ³	745,136	784,204	763,016	689,660	700,975	711,141	684,481	688,399
Creamed ³	1,003,652	1,012,681	958,203	855,682	861,669	874,605	877,978	872,294
Lowfat ³	85,237	102,411	128,019	121,941	129,316	135,364	139,007	151,374
Sweetened condensed milk:								
Bulk goods:								
Skimmed	63,324	60,063	70,636	44,137	32,156	51,939	63,738	44,634
Unskimmed	44,352	77,060	76,999	69,387	76,270	89,207	78,240	80,678
Unsweetened condensed milk (plain, condensed):								
Bulk goods:								
Skimmed	953,028	901,785	808,103	670,266	718,542	720,988	782,555	717,209
Unskimmed	179,946	174,698	159,360	180,120	214,389	181,421	166,113	144,742
Evaporated and condensed milk:								
Case goods:								
Skimmed	22,684	18,632	15,276	17,413	10,673	9,929	8,097	10,407
Unskimmed	1,268,086	1,183,298	1,102,183	1,035,209	926,923	932,123	818,927	787,866
Condensed or evaporated buttermilk	10,174	17,181	11,385	16,425	24,884	22,907	30,344	39,500
Dry buttermilk	51,727	49,511	43,275	45,280	42,834	46,279	53,231	47,613
Dry whole milk	72,156	75,246	77,965	67,721	63,086	78,088	69,379	74,617
Nonfat dry milk	1,417,648	1,223,456	916,570	1,019,916	1,011,454	926,183	1,106,619	920,422
Dry skim milk (animal feed)	11,396	12,853	9,752	5,623	7,934	5,915	7,884	6,488
Dry cream	1,555	1,559	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Dry whey	679,447	762,020	772,440	851,351	595,590	661,761	627,803	711,490
Malted milk powder	17,649	(⁵)	.....	.....	.....	.....	.....	.....
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream	765,843	767,750	773,674	781,971	836,552	818,241	809,849	815,099
Sherbet (does not include water ices)	48,831	50,017	53,231	49,932	48,542	49,589	49,783	48,034
Ice milk ⁶	287,694	290,806	291,698	296,100	298,789	286,176	307,949	307,245

¹ Preliminary.² Includes full-skim American cheese beginning 1974.³ Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but, beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.⁴ Less than 3 plants reporting.⁵ Discontinued, beginning 1972.⁶ Includes freezer-made milkshake in most States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 550.—Mellorine-type frozen desserts: Production by States, United States totals, 1964-78

Year	Ala- bama	Ari- zona	Ar- kansas	Cali- fornia	Illinoi s	Louis- iana	Mis- souri	Mon- tana	Okla- homa	Ore- gon	South Caro- lina	Texas	United States ¹
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1964	228	855	1,390	15,109	2,099	1,038	2,508	300	2,841	863	177	23,306	51,378
1965	192	1,075	1,302	15,619	1,957	1,501	2,569	313	2,698	1,002	...	24,192	53,169
1966	160	1,032	1,569	15,550	1,888	1,395	2,144	339	2,622	850	...	23,257	51,555
1967	139	1,194	1,714	16,099	2,089	1,331	1,952	382	2,778	999	...	23,692	53,683
1968	147	1,055	1,355	15,509	3,401	1,351	2,206	503	2,629	1,013	...	23,526	55,829
1969	120	1,022	1,454	14,347	3,961	1,214	2,968	491	2,664	976	...	23,176	55,566
1970	55	870	1,370	13,076	4,150	984	2,318	...	1,940	1,055	...	22,793	51,878
1971 . . . .	...	671	1,264	11,668	3,947	572	2,060	...	1,829	1,137	...	21,994	48,378
1972 . . . .	...	574	1,050	10,971	3,790	511	1,899	...	1,719	927	...	20,660	45,447
1973 . . . .	...	527	903	9,759	3,226	345	1,522	...	1,380	766	...	18,813	39,775
1974 . . . .	...	526	922	8,295	1,915	336	1,377	...	1,198	532	...	17,008	34,605
1975 . . . .	...	546	713	6,747	1,402	217	993	...	1,037	532	...	15,833	30,038
1976 . . . .	...	437	656	5,258	1,140	112	889	...	657	402	...	11,507	23,284
1977 . . . .	...	393	571	4,077	1,004	116	752	...	536	295	...	9,100	18,795
1978 ² . . . .	...	...	468	3,421	954	32	527	...	456	261	...	7,949	16,264

¹Includes several minor producing States which are not shown separately.²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 551.—Dairy products: Manufacturers' average selling price of specified products, United States, 1964-78

Year	Unsweetened evapo- rated milk, per case of 48 14½-ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory ¹
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	5.99	14.62	10.44	33.84
1965	6.09	14.66	11.72	34.00
1966	6.73	18.19	14.47	39.90
1967	7.05	19.92	15.01	40.63
1968	7.26	22.36	17.01	43.60
1969	7.50	23.50	16.75	43.82
1970	7.98	26.30	16.80	45.76
1971	6.95-9.24	30.72	20.67	46.47
1972	7.52-9.31	32.70	25.41	48.36
1973	8.10-9.26	45.79	34.51	57.95
1974	10.18-12.75	58.37	37.74	66.08
1975	10.98-14.15	62.13	37.93	71.30
1976	11.88-14.77	63.30	34.60	79.24
1977	12.05-15.62	66.65	32.02	80.69
1978	(²)	71.01	33.14	89.63

¹Includes milk sold in bulk and in package.²Estimate discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 552.—Dairy products: Manufacturers' stocks, end of month, United States, 1977 and 1978

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1977	1978	1977	1978	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	66,288	59,742	10,390	5,945	91,638	61,331
February	63,485	52,869	8,892	5,394	84,650	55,374
March	62,965	52,066	8,386	6,120	78,061	49,791
April	66,429	57,379	10,026	7,267	107,761	79,251
May	101,495	79,428	8,610	8,414	119,405	87,228
June	127,686	101,401	9,926	9,494	128,712	94,995
July	133,208	120,189	8,997	9,448	122,409	94,853
August	158,721	134,380	6,511	9,307	109,621	73,888
September	148,612	135,972	6,304	7,398	81,718	63,621
October	134,311	113,826	5,763	5,319	68,019	52,165
November	100,990	84,383	5,917	3,721	57,367	36,566
December	75,156	70,282	5,972	4,383	60,652	40,135

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 553.—Dairy products: Cold-storage holdings, first of month, United States, 1977 and 1978

Month	Creamery butter		American cheese		Swiss cheese		Total natural cheese ¹	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	67,635	195,713	417,028	395,246	11,360	8,136	485,700	459,564
February	94,183	215,947	404,047	377,506	11,080	8,923	471,169	442,035
March	106,340	235,768	421,358	364,742	9,967	9,630	485,802	430,047
April	128,250	246,189	446,316	379,188	10,277	9,981	510,266	447,122
May	163,812	264,634	490,258	393,274	9,451	11,425	557,234	462,541
June	197,078	282,020	510,448	423,410	9,459	12,735	583,672	500,188
July	209,041	297,665	518,912	422,964	11,148	12,869	592,867	498,511
August	208,593	284,603	519,652	416,830	10,996	12,787	592,930	489,716
September	203,260	266,669	483,312	397,202	10,351	13,671	553,872	476,629
October	195,429	251,848	437,535	379,562	9,238	11,651	502,844	455,161
November	193,371	228,855	417,353	357,045	9,555	11,144	479,772	430,961
December	184,907	206,930	404,669	357,938	8,209	12,290	468,629	436,372

¹ Includes American, Swiss, and other types of natural cheese.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 554.—Dairy products: Dec. 31 stocks, United States, 1964–78

Year	Butter ¹	Cheese ^{1,2}	Evaporated milk (case goods) ³	Condensed milk (case goods) ⁴	Dry whole milk	Nonfat dry milk for human consumption ¹	Cream (milk equivalent)
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Million pounds</i>
1964	66,499	325,952	185,307	6,916	6,968	174,276	89
1965	52,096	308,562	134,755	5,924	5,000	154,402	83
1966	32,298	372,668	192,874	11,578	6,932	118,225	138
1967	168,613	429,289	190,246	5,780	6,116	256,208	96
1968	117,355	404,984	104,769	2,122	7,563	277,763	72
1969	88,636	317,566	⁵ 149,739		6,576	221,700	93
1970	118,772	324,500	115,823		4,706	137,915	
1971	96,847	307,142	88,815		4,025	89,531	
1972	107,470	331,444	80,480		3,351	44,857	
1973	46,379	357,808	69,217		5,377	74,585	
1974	49,227	493,973	79,199		6,419	293,203	
1975	10,856	368,579	58,617		5,636	468,943	
1976	47,058	478,465	70,677		9,085	485,396	
1977	184,907	486,031	75,164		5,972	677,886	
1978 ⁶	206,930	457,261	70,300		4,383	585,091	

¹Includes Government holdings.²Excludes cottage and full-skim American cheese. Beginning 1967, includes process American cheese held by CCC.³Beginning 1968, includes stock held by CCC.⁴Sweetened condensed milk, unskimmed.⁵Total canned milk; data no longer shown separately.⁶Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 555.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1964–78¹

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
	<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>
1964	58.6	57.5	304	1969 ...	55.2	54.0	272	1974 ...	52.2	51.5	246
1965	58.8	57.8	302	1970 ...	54.2	53.1	264	1975 ...	52.6	52.0	246
1966	58.4	57.4	297	1971 ...	54.0	53.0	260	1976 ...	52.9	52.3	246
1967	56.9	55.7	285	1972 ...	55.2	54.3	263	1977 ...	52.7	52.1	243
1968	56.3	55.1	280	1973 ...	54.2	53.4	257	1978 ² ..	51.8	51.2	237

¹Milk equivalent of fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 556.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1964–78¹

Year	Butter ²			Cheese ³			Condensed and evaporated milk ⁴		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	1,671	1,297	6.9	1,824	1,782	9.4	2,342	2,157	11.5
1965	1,367	1,232	6.4	1,864	1,826	9.6	2,231	2,040	10.6
1966	1,150	1,098	5.7	1,925	1,889	9.8	2,136	1,882	9.7
1967	1,104	1,076	5.5	2,014	1,969	10.1	1,900	1,757	9.0
1968	1,228	1,115	5.7	2,133	2,083	10.6	1,899	1,745	8.9
1969	1,156	1,079	5.4	2,222	2,182	10.9	1,736	1,565	7.9
1970	1,115	1,061	5.3	2,355	2,317	11.5	1,551	1,432	7.1
1971	1,171	1,040	5.1	2,527	2,486	12.2	1,522	1,393	6.8
1972	1,094	1,017	4.9	2,759	2,719	13.2	1,445	1,313	6.4
1973	1,025	999	4.8	2,888	2,849	13.7	1,353	1,248	6.0
1974	972	956	4.6	3,117	3,071	14.6	1,278	1,175	5.6
1975	1,024	1,012	4.8	3,115	3,072	14.5	1,239	1,118	5.3
1976	945	934	4.4	3,417	3,375	15.9	1,192	1,067	5.0
1977	950	941	4.4	3,560	3,513	15.8	1,046	949	4.4
1978 ⁵	979	971	4.5	3,789	3,734	16.4	1,063	943	4.4

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	3,546	3,456	18.3	86	61	0.32	2,492	1,119	5.9
1965	3,634	3,544	18.5	91	59	.31	2,010	1,069	5.6
1966	3,606	3,511	18.2	92	64	.33	1,619	1,132	5.9
1967	3,578	3,483	17.8	75	51	.26	1,541	1,085	5.6
1968	3,711	3,616	18.4	78	46	.23	1,575	1,140	5.8
1969	3,674	3,579	18.0	71	44	.22	1,510	1,148	5.8
1970	3,656	3,561	17.7	71	43	.21	1,530	1,079	5.4
1971	3,676	3,581	17.5	73	32	.16	1,468	1,083	5.3
1972	3,685	3,600	17.4	76	24	.12	1,270	955	4.6
1973	3,714	3,634	17.5	76	21	.10	1,154	1,113	5.3
1974	3,753	3,679	17.5	67	15	.07	916	884	4.2
1975	4,015	3,945	18.7	63	16	.08	828	703	3.3
1976	3,928	3,858	18.1	75	33	.15	911	764	3.6
1977	3,860	3,790	17.7	72	34	.16	916	728	3.4
1978 ⁵	3,919	3,849	17.8	75	34	.25	1,024	692	3.2

¹Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons eating out of civilian supplies.

²Includes both farm and factory-made butter.

³Includes all kinds of cheese except cottage and full-skim American.

⁴The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 557.—Dairy products: Average price per pound for specified products, 1967 and 1975-78

Item and market	1967	1975	1976	1977	1978
Butter, bulk, wholesale selling prices, New York:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Grade AA (93-score)	0.6765	0.8204	0.9635	1.0251	1.1558
Grade A (92-score) .....	.6748	.8180	.9440	1.0152	1.1407
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score) .....	.6671	.7941	.9326	.9865	1.1058
Grade A (92-score) .....	.6668	.7938	.9203	.9842	1.0976
Butter, one-pound prints, wholesale selling prices, San Francisco:					
Grades AA and A (93-score and 92-score) .....	.7898	.9729	1.1000	1.1324	1.2666
Butter, spot cash call prices, ¹ New York Mercantile Exchange:					
Grade AA (93-score)	{ High .7000	1.1600	1.1000	1.0475	1.2550
	{ Low .6675	.6200	.8250	.9225	1.0175
Grade A (92-score)	{ High .6975	1.1600	1.0950	1.0300	1.2300
	{ Low .6675	.6150	.8150	.9175	1.0150
Butter, spot cash call prices, ¹ Chicago Mercantile Exchange:					
Grade AA (93-score)	{ High .6875	1.0800	1.0700	1.0275	1.2350
	{ Low .6575	.5950	.8000	.8975	.9900
Grade A (92-score)	{ High .6850	1.0800	1.0700	1.0150	1.2100
	{ Low .6575	.5950	.7950	.8975	.9900
Cheese, cheddar, f.o.b. Wisconsin Assembling Points:					
Barrels .....	.....	.8260	.9084	.9132	1.0225
40-pound blocks .....	.4522	.8661	.9630	.9683	1.0708
Cheese, prices ¹ National Cheese Exchange, Inc.: ²					
Cheddar, barrels	{ High .4200	.9625	.9800	.9400	1.0950
	{ Low .4025	.6475	.8025	.8175	.9150
Cheddar, 40-pound blocks	{ High .4400	1.0000	1.0300	.9750	1.1300
	{ Low .4225	.6750	.8300	.8925	.9700
Swiss, Grade A	{ High .5050	1.2100	1.2850	1.2900	1.4550
	{ Low .4850	.9300	1.1400	1.2050	1.2900
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade ³ .....	.4 2075	.6322	.6278	.6660	.7181
Grade A .....	.....	.6455	.6470	.6768	.7288
Whey powder, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic) .....	.....	.0754	.0684	.1213	.1403
Used for animal feed (spray process) .....	.....	.0602	.0614	.1106	.1250

¹ Prices represent high and low for the year.² Green Bay, Wisconsin.³ Average for high and low heat processing.⁴ Includes Grade A.

Agricultural Marketing Service.

Table 558.—Butter: Production in specified countries, 1976–78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada	114	113	100	Bulgaria	15	(²)	(²)
Mexico	8	8	8	Czechoslovakia	113	121	119
United States	444	493	453	German Dem. Rep.	278	270	270
Total	566	614	561	Hungary	20	26	29
South America:				Poland	266	285	302
Argentina	40	30	27	Romania	38	(²)	(²)
Brazil	72	69	80	Yugoslavia	17	19	20
Chile	5	5	5	Total Eastern Europe	747	721	740
Peru	6	6	5	Total Europe	2,798	2,788	2,955
Venezuela	7	7	7	Soviet Union	1,408	1,500	1,470
Total	130	117	124	Africa:			
Europe:				South Africa	26	21	16
Belgium and Luxembourg	99	92	110	Asia:			
Denmark	139	131	140	India	455	457	460
France	540	551	553	Japan	44	54	61
Germany, Fed. Rep. of	544	535	560	Total	499	511	521
Ireland	103	105	119	Oceania:			
Italy	62	72	75	Australia ³	148	118	112
Netherlands	202	179	212	New Zealand ⁴	249	277	233
United Kingdom	90	133	185	Total	397	395	345
Total EC	1,779	1,798	1,954	Grand total	5,824	5,946	5,992
Austria	45	47	43				
Finland	83	74	72				
Greece	7	7	6				
Norway	24	24	20				
Portugal	2	2	3				
Spain	15	19	22				
Sweden	61	62	62				
Switzerland	35	34	33				
Total Western Europe	2,051	2,067	2,215				

¹ Preliminary.² Not available.³ Year ending June 30.⁴ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 559.—Cheese: Production in specified countries, 1976–78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada	125	134	141	Czechoslovakia	85	84	98
Mexico	113	115	117	German Dem. Rep.	196	181	185
United States	1,506	1,524	1,595	Hungary	26	30	34
Total	1,744	1,773	1,853	Poland	310	345	357
South America:				Yugoslavia	127	134	138
Argentina	240	236	249	Total Eastern Europe ..	744	774	812
Brazil	150	205	220	Total Europe	4,398	4,627	4,783
Chile	11	15	13	Soviet Union	655	655	700
Peru	31	31	28	Africa:			
Venezuela	28	29	34	South Africa	30	29	28
Total	460	516	544	Asia and Oceania:			
Europe:				Japan	9	9	9
Belgium and Luxembourg ..	42	47	48	Australia ²	113	104	115
Denmark	152	172	180	New Zealand ³	105	81	53
France	970	1,023	1,060	Total	227	194	177
Germany, Fed. Rep. of ..	650	691	710	Grand total	7,514	7,794	8,085
Ireland	50	54	50				
Italy	537	553	575				
Netherlands	382	412	418				
United Kingdom	204	206	200				
Total EC	2,987	3,158	3,241				
Austria	62	66	71				
Finland	57	60	65				
Greece	154	156	156				
Norway	61	58	65				
Portugal	25	28	29				
Spain	113	125	135				
Sweden	84	87	93				
Switzerland	111	115	116				
Total Western Europe ..	3,654	3,853	3,971				

¹ Preliminary. ² Year ending June 30. ³ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 560.—Dairy products: United States imports by type of product, 1964–78

Year	Dried milk ¹	Cheese				Butter	Casein
		Swiss ²	Cheddar ³	Other	Total		
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	711	7,566	6,308	21,451	35,325	302	49,194
1965	625	7,136	7,261	21,578	35,975	339	41,635
1966	1,289	10,829	22,757	27,848	61,434	303	48,946
1967	421	10,973	27,305	30,569	68,847	307	45,210
1968	814	26,685	7,122	43,418	77,225	335	52,205
1969	871	14,858	7,092	43,414	65,364	308	52,666
1970	799	18,281	5,172	49,547	73,000	339	61,366
1971	973	16,292	4,466	40,898	61,656	285	48,054
1972	727	20,996	4,674	55,679	81,349	324	47,810
1973	120,913	29,593	9,602	65,028	104,223	19,880	51,178
1974	52,200	35,892	48,635	58,637	143,164	5,252	51,206
1975	1,121	26,717	4,834	49,862	81,413	239	26,510
1976	824	34,639	3,649	55,714	94,002	255	50,867
1977	831	33,978	4,246	56,760	94,984	337	65,429
1978 ⁴	1,120	42,010	4,880	62,988	110,998	334	62,204

¹ Includes whole and skimmed milk. ² Includes Emmentaler with eye-formation and Gruyère process cheese.

³ Beginning 1964, includes colby cheese. ⁴ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 561.—Dairy products: United States imports by country of origin, 1976–78

Commodity and country of origin	1976	1977	1978 ¹	Commodity and country of origin	1976	1977	1978 ¹
Butter:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Cheese, Swiss: ³	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Argentina	69	133	46	Austria	7,160	7,408	9,835
Denmark	20	18	19	Denmark	2,258	1,605	2,040
Sweden . . . . .	..	..	25	Finland	9,167	10,185	12,189
New Zealand	162	149	236	France	698	568	612
Other countries	4	..	..	Germany, Fed. Rep. of	1,729	1,533	1,864
Total	255	300	326	Iceland	32	109	617
Cheese, all types:				Netherlands	97	131	471
Canada	1,648	1,062	1,286	Norway	7,906	7,105	8,183
Argentina	5,066	386	84	Switzerland	4,978	4,495	5,180
Austria	8,085	832	1,253	Other countries	614	..	..
Belgium and Luxembourg	18	18	7	Total	34,639	33,139	40,991
Denmark	13,672	8,022	7,449	Milk, nonfat dry milk:			
Finland	9,942	699	564	Canada	219	318	516
France	5,274	3,980	4,429	Australia	600	510	600
Germany, Fed. Rep. of	2,314	429	476	New Zealand	3	..	3
Greece	450	4	..	Other countries	2	..	..
Iceland	326	554	976	Total	824	828	1,119
Ireland	161	63	55	Casein:			
Italy	6,693	220	232	Canada	225	10	6
Netherlands	4,209	130	204	Argentina	4,594	3,164	1,365
Norway	8,487	396	515	Uruguay	105	280	..
Portugal	433	156	193	Denmark	356	..	..
Sweden	1,388	1,192	1,227	France	80	44	25
Switzerland	6,210	1,349	1,598	Germany, Fed. Rep. of	524	197	86
United Kingdom	574	260	392	Ireland	1,506	1,935	4,101
Bulgaria	441	..	..	Netherlands	499	..	..
Czechoslovakia	262	210	222	Norway	196	403	404
Hungary	121	36	49	United Kingdom	123	579	1,169
Poland	1,120	1,094	1,292	Poland	1,280	1,951	1,954
Romania	1,140	..	..	Soviet Union	877	1,957	2,039
Yugoslavia	324	..	3	Australia	15,149	8,823	8,712
Australia	2,472	2,616	3,029	New Zealand	25,201	39,226	32,790
New Zealand	12,539	13,043	14,145	Other countries	152	..	..
Other countries	629	..	..	Total	50,867	58,569	52,651
Total	93,998	36,751	39,680				
Cheese, cheddar: ²							
Canada	483	327	334				
Austria	26	11	76				
Germany, Fed. Rep. of . . . . .	..	..	..	
Ireland	20	34	10				
Netherlands	5	26	3				
United Kingdom	1	16	44				
Australia	686	1,033	1,303				
New Zealand	2,428	2,789	3,102				
Other countries . . . . .	..	..	..	
Total	3,649	4,236	4,872				

¹ Preliminary.² Includes colby cheese.³ Includes Emmenthaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 562.—Dairy products: Exports by principal exporting countries, 1975–77

Commodity and country of destination	1975	1976	1977 ¹	Commodity and country of destination	1975	1976	1977 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Condensed milk:			
Belgium and Luxembourg	71,055	66,108	87,077	United States ³	953	2,141	2,408
Denmark	98,342	91,238	89,905	Denmark ⁴	3,038	2,676	1,099
France	77,959	80,308	127,551	France	37,762	42,435	42,139
Germany, Fed. Rep. of	142,962	110,322	138,725	Netherlands	68,580	71,872	95,216
Ireland	57,410	67,659	51,315	Switzerland	3,629	2,391	4,117
Netherlands	181,649	198,222	169,317	United Kingdom	1,057	120	1,101
Soviet Union	20,321	16,515	17,800	Australia ²	2,495	2,175	2,350
Australia ²	18,960	52,500	35,900				
New Zealand ²	139,980	210,116	212,900	Total	117,514	123,810	148,430
Total	808,638	892,988	930,490				
				Milk, dried whole:			
Cheese:				United States ³	15,785	14,098	10,579
Denmark	100,204	116,198	125,382	Belgium and Luxembourg	23,168	35,073	43,831
Finland	21,546	27,169	35,200	Denmark	42,276	50,514	64,968
France	154,108	175,222	186,119	Finland	22,317	22,601	29,100
Germany, Fed. Rep. of	105,363	128,502	149,991	France	42,829	64,188	83,926
Ireland	57,202	56,254	38,746	Ireland	9,605	12,520	28,514
Italy	26,390	26,780	25,261	Netherlands	101,593	123,061	141,613
Netherlands	225,654	242,537	255,093	United Kingdom	11,096	11,526	15,231
Switzerland	53,706	54,386	62,100	Australia ²	27,261	23,966	37,500
Australia ²	34,247	31,524	41,500	Total	295,930	357,547	455,262
New Zealand ²	64,592	80,760	79,000				
Total	843,012	939,332	998,392	Milk, nonfat dry milk:			
				Canada	36,379	98,166	166,000
Evaporated milk:				United States ³	41,074	4,684	17,579
United States ³	23,406	20,185	13,057	Belgium and Luxembourg	47,623	39,769	71,269
Belgium and Luxembourg	386	781	790	Denmark	10,554	29,928	21,130
France	14,991	15,606	26,847	France	113,501	179,168	323,779
Netherlands	272,997	298,274	311,362	Germany, Fed. Rep. of	149,471	114,802	249,553
United Kingdom	13,645	29,442	46,673	Ireland	109,283	141,735	161,036
Australia ²	3,493	5,820	6,050	Netherlands	52,908	154,656	71,889
Total	328,918	370,108	404,779	United Kingdom	59,577	115,448	55,431
				Australia ²	67,359	95,108	110,000
				New Zealand ²	113,672	110,066	296,000
				Total	801,401	1,083,530	1,543,666

¹ Preliminary.² Year ending June 30.³ Excludes exports for relief and charity.⁴ Includes evaporated and other canned milk.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 563.—Dairy products: United States exports¹ by country of destination, 1976–78

Commodity and country of destination	1976	1977	1978 ²	Commodity and country of destination	1976	1977	1978 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Cheese, all types—Con.			
Bahamas	28	60	43	Canada	1,017	1,675	1,306
Canada	7	32	13	Haiti	49	62	65
Honduras	37	1	1	Jamaica	88	46	40
Jamaica	1	1	1	Mexico	227	134	261
Mexico	41	33	57	Netherlands Antilles	115	148	193
Trust Territory of the Pacific Islands	8	2	97	Panama	538	624	376
Other countries	79	145	100	Trinidad and Tobago	31	34	104
Total	200	272	312	Venezuela	228	224	188
Cheese, all types:				Greece	10	21	24
Bahamas	299	264	365	United Kingdom	7	2	2
Bermuda	138	139	166	Liberia	23	18	19
				South Africa	21	1	3
				Japan	496	489	726

See footnotes at end of table.

Table 563.—Dairy Products: United States exports¹ by country of destination, 1976-78—Continued

Commodity and country of destination	1976	1977	1978 ²	Commodity and Country of destination	1976	1977	1978 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cheese, all types—Con.				Milk, nonfat dry—Con.			
Hong Kong	49	71	115	Mexico	334	69	17,858
Saudi Arabia	91	103	105	Bolivia			313
Singapore	39	36	47	Brazil		417	177
Other countries	473	571	670	Colombia	3		7
Total	3,939	4,660	4,775	Paraguay			111
Evaporated milk:				Peru	153	456	2,738
Bahamas	102	122	75	Venezuela	8	32	36
Jamaica	6			Netherlands		13	
Mexico	18,306	11,327	12,918	Switzerland	43	16	
Panama		9	3	United Kingdom	15	9	6
Colombia	161	13	68	Algeria		1,347	403
Spain	23	13	29	Egypt		69	337
Trust Territory of the Pacific Islands	613	724	921	Mozambique	2	228	2,503
Other countries	974	851	954	South Africa			110
Total	20,185	13,059	14,968	Sudan		314	2,577
Condensed milk:				Zaire			104
Bahamas	11	247	51	Afghanistan	3	1	572
Mexico	1,530	1,539	964	Bangladesh		985	210
Guinea	265	230	231	Hong Kong	24	27	34
Indonesia	107	17		India	84	1,031	15,247
Other countries	228	375	571	Indonesia	672	701	829
Total	2,141	2,408	1,817	Iran	15		
Milk, dried whole: ³				Japan	53	48	16
Bahamas	38	34	8	Lebanon		64	1,135
Canada	663	752	224	Pakistan	6	225	
Costa Rica	16	13	8	Philippines	1,449	8,901	75
El Salvador	109	144	2	Other countries	1,643	2,626	4,216
Guatemala	56	38	67	Total	4,684	17,803	49,839
Jamaica	72	22	24				
Mexico	4,702	2,793	535	Infants' dietary supplements, dry milk base:			
Argentina	439	379	226	Canada	1,496	2,185	304
Bolivia		104		Dominican Republic	295	204	66
Colombia	393	640	302	Guatemala	49	41	54
Venezuela	411	459	40	Honduras	47	26	15
Austria	2		1	Jamaica	411	95	18
France		1		Mexico	4	4	211
Spain	18		100	Panama	234	162	104
United Kingdom	22		44	Ecuador	37	101	56
South Africa	62	501	234	Peru	363	809	271
China, Taiwan	431	58	629	Greece		1	
Hong Kong	347	14	50	Ireland	8	7	8
Iran	34	8	39	Egypt	187	180	
Japan	3,786	1,828	1,178	Ethiopia		1	
Malaysia	1	1	23	Libya	36	1	
Philippines	829	1,069	945	Nigeria	67	10	6
Singapore	139	65	50	China, Taiwan	2,132	1,614	812
Thailand	141	78		Hong Kong	1,002	1,016	481
Australia	194	465	556	Indonesia		18	
Other countries	1,193	1,113	592	Iran	6	159	83
Total	14,098	10,579	5,877	Japan	2	131	4
Milk, nonfat dry:				Malaysia	13		
Canada	153	224	224	Philippines	176	56	44
Jamaica	24		1	Saudi Arabia	98	15	15
				Singapore		1	
				Thailand	670	399	
				Vietnam			
				Australia	438	160	50
				Other countries	1,333	1,010	1,512
				Total	9,104	8,406	4,114

¹Excludes exports for relief.²Preliminary.³Dry whole milk recategorized in 1978 as "other dried milk and cream".

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 564.—Dairy products: Price-support operations, United States, 1964–78

Market- ing year ¹	Manufacturing milk			Butterfat			Product purchase price per pound ³			Product purchases ⁷			
	Support level		Average price re- ceived per cwt.	Support level		Average price re- ceived per pound	Butter (⁴)	Cheddar cheese (⁵)	Nonfat dry milk, spray process (⁶)	Quantity		Percentage of milk and cream mar- keted by farmers	
	Per cwt.	Per- cent- age of par- ity ²		Per pound	Per- cent- age of par- ity ²					Milk- fat con- tent	Non- fat solids con- tent	Milk- fat con- tent	Non- fat solids con- tent
	<i>Dollars</i>	<i>Per- cent</i>	<i>Dollars</i>	<i>Cents</i>	<i>Per- cent</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Mill- ion pounds</i>	<i>Mill- ion pounds</i>	<i>Per- cent</i>	<i>Per- cent</i>
1964	3.15	75	3.29	58.0	75	60.4	57.966	35.6	14.4	239	775	5.4	7.7
1965	3.24	75	3.45	59.4	75	62.1	58.966	36.1	14.6	132	677	3.1	6.9
1966	3.50	78	4.11	61.6	75	68.6	60.966	39.3	16.6				
	8 4.00	89		68.0	83		66.466	43.75	19.6	102	418	2.4	4.3
1967	4.00	87	4.07	68.0	81	68.2	66.466		10 19.85	259	666	6.2	7.0
							66.442						
1968	4.28	89	4.30	66.0	77	68.4	66.418	47.0	23.35	180	568	4.4	6.0
							66.394						
1969	4.28	83	4.55	68.6	75	69.6	67.644	48.0	23.35	168	375	4.1	3.9
							67.596						
1970	4.66	85	4.76	71.5	75	71.1	69.846						
							69.798	52.0	27.2	274	470	6.6	4.9
1971	4.93	85	4.91	(17)	(17)	69.5	67.784	54.75	31.7	252	489	6.0	5.0
1972	4.93	79	5.22	(17)	(17)	68.1	67.708	54.75	31.7	209	283	4.9	2.9
	16 5.29	85					60.9	18 62.0	18 37.5				
1973	5.29	75	6.95	(17)	(17)	68.3	60.9	62.0	37.5	28	53	.7	.6
	18 5.61	80						19 65.0	19 41.4				
1974	6.57	81	6.87	(17)	(17)	61.3	60.57	70.75	56.6	92	415	2.2	4.3
	20 7.24	89					68.07	20 77.25	20 60.6				
1975	7.24	79	8.12	(17)	(17)	74.6	69.19	79.25	60.6	52	301	1.3	3.1
	21 7.71	84					71.69	21 85.00	21 62.4				
1976	8.13	80	8.52	(17)	(17)	83.4	85.817	90.50					
	22 8.26	81					80.817	22 92.50	62.4	127	331	2.9	3.3
(²⁴)	(9.00)	(82)	(8.65)	(17)	(17)	...	(100.71)	(98.00)	(68.0)	(140)	(363)	(6.3)	(6.9)
1977 ¹	9.00	82	9.28	(17)	(17)	...	100.71	98.00	68.0	137	326	3.1	3.2
	25 9.43	86					106.71	103.25	71.0				
1978	9.87	80	...	(17)	(17)	...	111.30	106.0	73.75	...	...	...	...
	26 10.76	87					121.80	116.0	79.0				

¹Marketing year changed from April-March to October-September on Oct. 1, 1977. ²Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year.

³Announced purchase prices for products in bulk containers. ⁴Indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. ⁵U.S. Grade A or higher, standard moisture basis. ⁶U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967. ⁷Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program.) Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966-67 marketing year and ending in the 1973-74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1968-69 marketing year and purchases of dry whole milk during 1971-72 through 1974-75. Purchases were also made in 1973-74 through 1975-76 marketing year under Section 4 (a) of the Agriculture and Consumer Protection Act of 1973. ⁸Effective June 30, 1966. ⁹Effective Aug. 19, 1967. ¹⁰Effective for product in 50-lb. bags, beginning Aug. 19, 1967. ¹¹Effective June 24, 1968. ¹²Effective Nov. 28, 1968.

¹³Effective Nov. 19, 1969. ¹⁴Effective June 9, 1970. ¹⁵Effective Nov. 20, 1970. ¹⁶Effective Jan. 10, 1971. ¹⁷The requirement to support butterfat was suspended by the Agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973. ¹⁸Effective Mar. 15, 1973. ¹⁹Effective Aug. 10, 1973. ²⁰Effective Jan. 4, 1975. ²¹Effective Oct. 2, 1975. ²²Effective Oct. 1, 1976. ²³Calendar year average.

²⁴Transition period. ²⁵Effective Apr. 1, 1978 (80 percent of parity as of that date). ²⁶Effective Apr. 1, 1979 (78 percent of parity as of that date).

Agricultural Stabilization and Conservation Service.

Table 565.—Dairy products: United States exports¹ by type of product, 1964–78

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1964	59,124	3,773	16,913	28,503	5,596	380,367
1965	20,590	3,086	11,191	29,859	8,456	199,171
1966	1,074	2,712	17,400	42,776	7,069	77,266
1967	152	2,860	15,318	13,247	5,397	63,904
1968	703	2,968	14,831	19,270	7,790	68,308
1969	244	2,590	16,849	23,668	6,308	50,633
1970	143	3,055	15,110	7,452	5,713	96,293
1971	41,192	2,948	14,820	15,947	10,708	56,337
1972	18,907	2,904	18,373	6,738	17,060	70,272
1973	1,501	3,180	18,768	895	22,427	4,716
1974	264	3,433	18,449	1,013	20,284	3,039
1975	313	3,879	24,019	957	15,783	41,074
1976	199	3,939	20,185	2,141	14,098	4,684
1977	272	4,660	13,057	2,408	10,579	17,580
1978 ²	270	4,775	14,967	1,819	5,877	49,840

¹Excludes exports for relief and charity.²Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 566.—Chickens: Number and value, United States, Dec. 1, 1969–78¹

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969	136,874	176,649	50,832	51,083	6,658	422,096	1.28	541,453
1970	134,376	189,007	50,206	52,994	6,697	433,280	1.21	525,206
1971	136,915	181,063	50,559	46,908	6,318	421,763	1.23	517,219
1972	131,119	169,035	48,833	49,022	6,182	404,191	1.28	516,420
1973	125,708	168,095	52,026	56,854	6,086	408,769	1.62	662,509
1974	121,849	164,184	46,752	45,832	5,484	384,101	1.70	653,305
1975	122,513	157,230	48,404	46,261	5,346	379,754	1.74	659,960
1976	118,998	160,656	47,769	45,184	5,631	378,238	1.70	643,511
1977	117,572	169,051	47,650	46,186	5,970	386,429	1.69	652,308
1978 ²	122,713	169,438	48,240	48,169	5,945	394,505	1.75	691,327

¹Does not include commercial broilers.²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 567.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1976–78

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala	3,950	5,600	5,150	9,550	8,610	9,200	13,500	14,210	14,350
Alaska	23	21	14	8	6	10	31	27	24
Ariz	505	257	345	262	281	140	767	538	485
Ark	6,206	5,894	6,057	9,419	11,406	10,843	15,625	17,300	16,900
Calif	21,969	20,664	20,985	14,953	15,736	15,591	36,922	36,400	36,576
Colo	970	940	1,100	1,160	1,380	1,260	2,130	2,320	2,360
Conn	1,820	1,848	1,720	1,965	1,852	2,520	3,785	3,700	4,240
Del	238	228	243	372	352	397	610	580	640
Fla	6,472	6,340	6,557	6,603	6,817	5,935	13,075	13,157	12,492
Ga	6,871	7,215	7,648	17,192	17,785	17,852	24,063	25,000	25,500
Hawaii	632	677	619	377	327	406	1,009	1,004	1,025
Idaho	485	528	490	296	366	410	781	894	900
Ill	2,080	2,200	2,300	4,220	3,750	3,550	6,300	5,950	5,850
Ind	5,927	5,200	5,800	7,273	9,000	9,700	13,200	14,200	15,500
Iowa	3,980	2,490	2,500	5,270	5,660	5,900	9,250	8,150	8,400
Kans	937	926	936	1,563	1,274	1,204	2,500	2,200	2,140
Ky	800	900	1,050	1,750	1,600	1,550	2,550	2,500	2,600
La	1,250	1,217	1,228	1,595	1,353	1,358	2,845	2,570	2,586
Maine	4,019	1,700	3,890	3,481	5,300	3,840	7,500	7,000	7,730
Md	630	640	570	820	710	805	1,450	1,350	1,375
Mass	593	465	550	782	1,005	620	1,375	1,470	1,170
Mich	3,060	2,967	2,850	3,380	3,333	3,500	6,440	6,300	6,350
Minn	3,380	3,700	4,410	5,720	5,800	4,890	9,100	9,500	9,300
Miss	2,356	3,209	2,685	5,184	4,491	4,719	7,540	7,700	7,404
Mo	2,050	2,150	2,622	3,100	3,350	3,078	5,150	5,500	5,700
Mont	432	309	325	348	482	415	780	791	740
Nebr	1,240	1,200	1,265	2,110	2,300	2,335	3,350	3,500	3,600
Nev	22	9	8	6	2	2	28	11	10
N.H	349	330	460	565	545	420	914	875	880
N.J	1,275	741	885	1,025	1,111	665	2,300	1,852	1,550
N. Mex	442	690	928	660	658	619	1,102	1,348	1,547
N.Y	3,420	3,040	3,400	4,180	4,260	3,950	7,600	7,300	7,350
N.C	4,324	4,600	5,300	7,749	7,900	8,200	12,073	12,500	13,500
N. Dak	192	190	188	328	240	192	520	430	380
Ohio	3,830	3,300	3,350	4,870	5,900	6,050	8,700	9,200	9,400
Okla	812	760	630	1,223	1,690	2,270	2,035	2,450	2,900
Oreg	1,350	1,250	1,150	950	1,030	1,250	2,300	2,280	2,400
Pa	4,565	6,025	5,401	7,335	8,175	9,499	11,900	14,200	14,900
R.I	53	134	48	143	96	192	196	230	240
S.C	2,276	2,280	1,900	2,774	3,320	4,000	5,050	5,600	5,900
S. Dak	1,044	1,057	903	1,656	1,657	1,627	2,700	2,714	2,530
Tenn	1,980	1,960	2,350	2,395	2,355	1,850	4,375	4,315	4,200
Texas	2,440	4,230	4,200	8,160	7,270	8,200	10,600	11,500	12,400
Utah	724	859	850	663	810	850	1,387	1,669	1,700
Vt	140	180	145	346	350	330	486	530	475
Va	1,317	1,634	1,597	2,360	2,316	2,432	3,677	3,950	4,029
Wash	2,732	2,679	3,016	1,561	2,087	2,046	4,293	4,766	5,062
W. Va	400	300	320	570	420	440	970	720	760
Wis	2,375	1,800	1,728	2,325	2,475	2,290	4,700	4,275	4,018
Wyo	61	39	47	59	58	36	120	97	83
U.S	118,998	117,572	122,713	160,656	169,051	169,438	279,654	286,623	292,151

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 568.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1976–78

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1976	1977	1978 ¹	1976	1977	1978 ¹	1976	1977	1978 ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala	3,130	2,720	2,820	3,090	3,400	2,790	580	570	640
Alaska	1	1	1	1	1	1	1	1	1
Ariz	12	17	77	16	7	3	3	3	5
Ark	3,853	4,147	3,520	3,615	3,331	3,834	827	846	880
Calif	4,854	4,320	4,787	4,165	4,706	4,464	250	190	193
Colo	415	155	240	165	360	340	15	15	10
Conn	959	850	738	638	709	950	8	21	12
Del	131	160	137	161	139	153	48	71	50
Fla	1,959	1,704	2,509	2,351	2,045	2,197	119	136	104
Ga	4,900	4,948	4,890	4,300	4,407	4,700	753	783	780
Hawaii	87	137	131	158	160	177	7	14	11
Idaho	153	178	168	148	101	132	7	7	11
Ill	680	710	770	750	970	920	70	70	60
Ind	2,521	2,748	2,616	2,843	2,786	2,702	56	76	82
Iowa	1,530	1,330	1,145	1,200	1,490	1,070	100	100	85
Kans	340	185	294	295	191	150	34	24	16
Ky	400	550	500	260	380	340	90	70	60
La	400	700	604	525	420	300	80	100	100
Maine	1,636	1,416	2,360	1,750	1,525	1,995	91	144	85
Md	227	197	169	227	170	165	61	58	66
Mass	239	290	196	241	180	174	15	50	40
Mich	641	915	840	799	703	900	32	41	50
Minn	1,350	1,320	1,135	1,110	1,460	1,370	120	130	115
Miss	1,523	1,640	1,591	1,589	1,738	1,407	307	463	425
Mo	1,110	1,155	1,065	800	1,000	1,165	40	45	70
Mont	83	82	129	138	138	57	4	4	4
Nebr	283	371	375	162	189	193	35	30	32
Nev	1	1	1	1	1	1	1	1	1
N.H	216	265	195	190	270	233	24	15	52
N.J	96	126	125	143	74	47	8	6	6
N. Mex	239	390	253	97	230	308	12	2	2
N.Y	1,200	1,490	1,230	1,150	1,250	1,230	50	60	40
N.C	3,135	3,250	3,500	2,840	2,850	3,100	752	800	600
N. Dak	38	38	46	30	29	20	12	13	9
Ohio	1,035	1,550	1,300	1,680	1,665	1,470	85	85	80
Okla	348	340	300	429	260	370	88	50	130
Oreg	210	310	210	260	190	260	30	20	30
Pa	1,354	1,364	1,397	1,122	1,491	2,140	136	165	188
R.I	20	18	32	7	1	1	1	1	1
S.C	1,138	1,012	1,022	854	912	1,047	71	76	81
S. Dak	313	294	236	235	176	186	13	16	16
Tenn	520	660	590	510	525	455	95	100	105
Tex	2,190	1,130	1,900	1,590	1,430	2,150	220	240	350
Utah	223	136	108	210	284	335	1	5	7
Vt	83	30	63	84	84	28	3	6	4
Va	686	948	690	776	481	667	146	143	155
Wash	633	575	511	644	398	624	51	35	37
W. Va	97	90	100	40	140	125	23	30	35
Wis	572	684	621	794	738	723	64	44	38
Wyo	6	4	3	2	2	2	2	2	2
U.S	47,769	47,650	48,240	45,184	46,186	48,169	5,631	5,970	5,945

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 569.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1976–78¹

State	Number			Value per head			Total value		
	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	20,300	20,900	20,600	1.45	1.60	1.65	29,435	33,440	33,990
Alaska	32	28	26	3.80	4.45	4.15	122	125	108
Ariz	795	565	570	2.00	1.60	1.55	1,590	904	884
Ark	23,920	25,624	25,134	1.65	1.90	2.05	39,468	48,686	51,525
Calif	46,191	45,616	46,020	1.75	1.55	1.55	80,834	70,705	71,331
Colo	2,725	2,850	2,950	1.80	1.60	1.60	4,905	4,560	4,720
Conn	5,390	5,280	5,940	2.35	2.20	2.05	12,667	11,616	12,177
Del	950	950	980	1.85	2.00	2.00	1,758	1,900	1,960
Fla	17,504	17,042	17,302	1.55	1.40	1.55	27,131	23,859	26,818
Ga	34,016	35,138	35,870	1.60	1.60	1.85	54,426	56,221	66,360
Hawaii	1,254	1,301	1,333	2.45	2.60	2.75	3,072	3,383	3,666
Idaho	1,089	1,187	1,211	1.70	1.70	1.95	1,851	2,018	2,361
Ill	7,800	7,700	7,600	1.50	1.45	1.45	11,700	11,165	11,020
Ind	18,620	19,810	20,900	1.45	1.35	1.50	26,999	26,744	31,350
Iowa	12,080	11,070	10,700	1.55	1.60	1.65	18,724	17,712	17,655
Kans	3,169	2,600	2,600	1.55	1.70	1.50	4,912	4,420	3,900
Ky	3,300	3,500	3,500	1.70	1.90	1.75	5,610	6,650	6,125
La	3,850	3,790	3,590	1.90	1.95	1.90	7,315	7,391	6,821
Maine	10,977	10,085	12,170	2.30	2.20	2.10	25,247	22,187	25,557
Md	1,965	1,775	1,775	1.90	2.05	2.05	3,734	3,639	3,639
Mass	1,870	1,990	1,580	2.40	2.05	2.05	4,488	4,080	3,239
Mich	7,912	7,959	8,140	1.65	1.35	1.55	13,055	10,745	12,617
Minn	11,680	12,410	11,920	1.55	1.75	1.50	18,104	21,718	17,880
Miss	10,959	11,541	10,827	1.90	1.95	1.95	20,822	22,505	21,113
Mo	7,100	7,700	8,000	1.60	1.55	1.60	11,360	11,935	12,800
Mont	1,005	1,015	930	1.90	1.95	1.85	1,910	1,979	1,721
Nebr	3,830	4,090	4,200	1.80	1.70	1.75	6,894	6,953	7,350
Nev	31	14	13	1.95	2.15	2.10	60	30	27
N.H	1,344	1,425	1,360	2.30	2.10	2.10	3,091	2,993	2,856
N.J	2,547	2,058	1,728	1.75	1.85	1.75	4,457	3,807	3,024
N. Mex	1,450	1,970	2,110	1.85	1.90	2.15	2,683	3,743	4,537
N.Y	10,000	10,100	9,850	2.10	2.00	1.80	21,000	20,200	17,730
N.C	18,800	19,400	20,700	1.55	1.65	1.90	29,140	32,010	40,365
N. Dak	600	510	455	1.65	1.80	1.60	990	918	728
Ohio	11,500	12,500	12,250	1.70	1.50	1.50	19,550	18,750	18,375
Okla	2,900	3,100	3,700	1.65	1.65	1.70	4,785	5,115	6,290
Oreg	2,800	2,800	2,900	2.00	2.00	2.10	5,600	5,600	6,090
Pa	14,512	17,220	18,625	1.85	1.90	1.80	26,847	32,718	33,525
R.I	224	250	273	2.55	2.35	2.25	571	588	614
S.C	7,113	7,600	8,050	1.65	1.60	1.55	11,736	12,160	12,478
S. Dak	3,261	3,200	2,968	1.80	1.75	1.45	5,870	5,600	4,304
Tenn	5,500	5,600	5,350	1.55	1.50	1.95	8,525	8,400	10,433
Tex	14,600	14,300	16,800	1.60	1.80	1.80	23,360	25,740	30,240
Utah	1,821	2,094	2,150	1.75	1.80	2.05	3,187	3,769	4,408
Vt	656	650	570	2.40	2.35	2.25	1,574	1,528	1,283
Va	5,285	5,522	5,541	1.80	1.95	1.90	9,513	10,768	10,528
Wash	5,621	5,774	6,234	1.80	1.65	2.25	10,118	9,527	14,027
W. Va	1,130	980	1,020	1.55	1.45	1.65	1,752	1,421	1,683
Wis	6,130	5,741	5,400	1.75	1.65	1.65	10,728	9,473	8,910
Wyo	130	105	90	1.85	2.00	2.05	241	210	185
U.S	378,238	386,429	394,505	1.70	1.69	1.75	643,511	652,308	691,327

¹ Does not include commercial broilers.² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 570.—Chickens: Number in specified countries, 1976–78¹

Continent and country	1976	1977	1978 ²
	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
North America:			
Canada	24	24	24
Mexico	37	38	40
United States	281	280	287
Total	342	342	351
South America:			
Argentina	28	18	18
Brazil	34	34	34
Peru	6	6	5
Venezuela	7	8	8
Total	75	66	65
Europe:			
Belgium and Luxembourg	14	14	14
Denmark	5	5	5
France	64	62	64
Germany, Fed. Rep. of	60	62	60
Ireland	4	4	4
Italy	51	51	52
Netherlands	20	18	22
United Kingdom	58	58	58
Total EC	276	274	279
Austria	8	9	9
Finland	6	6	6
Greece	23	23	23
Spain	50	53	49
Sweden	7	7	7
Switzerland	3	3	3
Total Western Europe	97	101	97
Czechoslovakia	21	21	21
Hungary	26	26	26
Poland	67	77	78
Romania	45	47	48
Yugoslavia	33	35	36
Total Eastern Europe	192	206	209
Total Europe	289	307	306
Soviet Union	370	398	436
Africa:			
South Africa ³	17	16	16
Asia and Oceania:			
Israel	6	6	6
Japan	148	152	157
Turkey	46	48	50
Australia ³	11	11	11
Total	598	631	676
Grand total	1,674	1,744	1,834

¹ Chickens in laying flock.² Preliminary³ Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 571.—Chickens: Production, disposition, cash receipts, and gross income, by States, 1978 (preliminary)¹

State	Number				Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Raised	Lost ²	Produced	Consumed on production units	Sold	Produced ³	Consumed on production units					
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	15,300	2,200	13,100	600	12,800	66,041	1,800	12.8	8,453	8,192	230	8,422
Alaska.....	67	18	49	11	41	221	185	21.0	46	9	39	48
Ariz.....	466	120	346	41	330	1,335	37	7.4	99	98	3	101
Ark.....	21,924	2,998	18,926	600	19,376	112,328	2,400	12.2	13,704	13,773	293	14,066
Calif.....	25,559	5,534	20,025	245	19,376	78,389	956	7.0	5,290	5,290	67	5,357
Colo.....	1,765	265	1,500	130	1,270	5,408	507	10.0	541	457	51	508
Conn.....	3,550	395	3,155	8	2,487	13,784	42	12.3	1,695	1,346	5	1,351
Del.....	632	107	525	22	473	3,164	101	14.9	471	437	15	452
Fla.....	11,600	1,800	9,800	102	9,438	31,768	347	9.0	2,859	3,143	31	3,174
Ga.....	24,600	3,500	21,100	460	19,908	105,444	1,702	14.4	15,184	13,474	245	13,719
Hawaii.....	642	212	430	2	396	1,476	7	14.0	207	194	1	195
Idaho.....	733	120	613	80	509	2,332	320	8.5	198	169	27	196
Ill.....	5,450	950	4,500	250	4,350	16,742	1,000	16.0	1,339	1,288	80	1,368
Ind.....	15,700	1,600	14,100	500	12,510	51,437	2,050	9.3	4,784	4,188	191	4,379
Iowa.....	7,800	900	6,900	400	6,870	25,313	1,640	9.3	2,101	1,996	136	2,132
Kans.....	3,900	360	3,540	300	1,640	6,269	1,050	15.0	940	787	158	940
Kent.....	3,320	300	3,020	620	2,100	7,733	1,984	11.0	851	762	218	980
Ky.....	3,100	580	2,520	300	2,420	15,093	1,020	12.3	1,856	1,786	125	1,911
La.....	6,700	940	5,760	15	3,660	31,019	69	12.3	3,815	2,836	8	2,844
Maine.....	1,740	270	1,470	11	1,400	7,327	280	13.9	1,018	973	39	1,012
Mass.....	1,640	130	1,510	11	1,909	8,484	51	12.3	1,044	1,292	6	1,298
Mich.....	5,600	650	4,950	209	4,560	22,338	941	11.0	2,457	2,307	104	2,411
Minn.....	9,089	1,375	7,714	380	7,824	31,335	1,534	3.3	1,034	1,033	54	1,087
Miss.....	8,436	1,150	7,286	500	7,500	39,075	1,600	13.4	5,894	6,006	246	6,252
Mo.....	990	990	5,510	380	4,830	36,465	1,254	14.5	5,287	4,972	182	5,154
Mont.....	810	190	620	160	2,507	1,640	160	6.7	182	153	45	198
Nebr.....	2,400	1,820	1,820	330	6,786	6,786	1,188	9.2	5,106	342	80	422
Nev.....	11	4	7	4	4	6,798	16	16	3	1	1	2
N.H.....	1,100	110	990	5	1,050	6,575	25	12.3	814	814	3	817
N.J.....	1,385	295	1,090	20	1,400	4,660	100	10.9	508	641	11	652
N.Mex.....	1,238	192	1,046	27	879	4,051	86	7.4	284	234	6	240
N.Y.....	8,200	1,200	7,000	225	7,025	32,029	1,125	7.4	2,370	2,339	93	2,422
N.C.....	13,300	2,000	11,300	1,000	9,000	72,475	4,500	21.5	13,582	13,545	968	14,513
N.Dak.....	700	140	560	305	310	2,233	1,159	3.6	80	47	42	89
Ohio.....	8,900	1,800	7,100	250	7,100	38,686	1,125	9.0	3,482	3,323	101	3,424
Okl.....	2,645	390	2,255	125	1,530	9,969	400	16.0	1,531	1,077	64	1,441
Oreg.....	1,930	330	1,600	100	1,400	6,451	400	8.5	476	476	34	510
Pa.....	13,500	1,200	12,300	250	10,645	66,232	1,200	20.8	13,776	12,621	250	12,871

R.I.	205	23	182	1	158	979	6	869	12.3	120	107	1	108
S.C.	5,550	800	4,750	300	4,000	19,742	1,110	17,200	16.3	3,218	2,804	181	2,985
S. Dak.	2,900	410	1,590	260	1,562	6,296	1,014	6,248	5.0	315	312	51	363
Tenn.	3,300	500	2,800	350	2,700	13,065	1,225	13,500	15.2	1,986	2,052	186	2,238
Tex.	11,500	900	10,600	500	7,600	39,757	1,750	30,400	13.1	5,208	3,982	229	4,211
Utah	1,000	180	820	20	744	2,998	78	2,827	6.6	198	187	5	192
Vt.	310	48	262	9	333	1,435	43	1,732	12.3	183	213	5	218
Va.	4,000	750	3,250	450	2,781	18,363	1,800	16,686	14.1	2,592	2,353	254	2,607
Wash.	5,700	960	4,740	64	4,216	19,073	262	17,286	7.8	1,488	1,348	20	1,368
W. Va.	900	130	770	130	600	3,485	533	2,760	13.5	470	373	72	445
Wis.	4,200	650	3,550	280	3,611	18,010	1,288	18,053	15.8	2,846	2,853	204	3,057
Wyo.	64	35	29	14	30	141	56	144	9.3	13	13	5	18
U.S.	279,061	41,581	237,480	11,415	217,989	1,115,296	44,106	1,038,820	12.4	139,609	129,018	5,455	134,473

¹ Excludes broiler production. Annual production, disposition, cash receipts, and gross income for chickens are for a Dec. 1 through Nov. 30 marketing year.

² Loss during year.

³ The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 572.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1964–78¹

Year	Number				
	Raised	Lost ²	Produced ³	Consumed on production units	Sold
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964	315,531	60,197	255,334	48,826	194,652
1965	301,059	61,058	240,001	40,360	201,508
1966	335,582	56,701	278,881	33,391	212,170
1967	320,679	57,265	263,414	29,148	239,337
1968	298,090	54,313	243,777	25,604	225,386
1969	309,314	57,140	252,174	22,238	218,928
1970 ⁴	324,483	60,614	263,869	19,369	233,316
1971	316,755	58,507	258,248	17,808	251,957
1972	291,352	58,045	233,307	16,110	234,769
1973	298,826	47,769	251,057	14,658	231,821
1974	288,353	46,235	242,118	14,421	252,365
1975	276,035	43,210	232,825	13,451	223,721
1976	271,069	42,542	228,528	12,790	217,253
1977	288,024	43,190	244,834	12,166	224,477
1978 ⁵	279,061	41,581	237,480	11,415	217,989

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	1,169,504	179,351	936,634	9.2	107,984	85,814	16,039	101,853
1965	1,116,528	151,147	969,288	8.9	100,749	86,329	13,202	99,531
1966	1,261,578	123,374	1,031,688	9.7	122,576	99,958	11,400	111,360
1967	1,258,481	108,468	1,156,613	7.9	99,393	91,206	8,379	99,585
1968	1,108,815	95,957	1,090,428	8.2	91,838	89,580	7,645	97,225
1969	1,144,029	83,897	1,062,969	9.7	110,827	103,566	7,556	111,122
1970 ⁴	1,190,105	73,409	1,120,603	9.1	107,178	102,279	6,356	108,635
1971	1,211,567	67,941	1,192,639	7.8	94,751	92,876	5,262	98,138
1972	1,117,816	61,724	1,128,813	8.9	100,457	100,634	5,155	105,789
1973	1,172,220	56,245	1,121,546	15.1	176,454	169,495	7,878	177,373
1974	1,186,148	55,162	1,202,562	9.7	114,896	116,414	5,213	121,627
1975	1,066,512	51,393	1,047,000	9.9	104,669	104,093	5,175	109,268
1976	1,107,068	49,124	1,046,727	12.9	144,602	135,496	6,215	141,711
1977	1,166,554	47,019	1,077,234	12.0	142,072	129,548	5,534	135,082
1978 ⁵	1,115,296	44,106	1,038,820	12.4	139,609	129,018	5,455	134,473

¹Excludes broiler production.²Loss during year.³The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.⁴Annual production, disposition, cash receipts, and gross income estimates for chickens were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 573.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States, 1977¹

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
		<i>Thou-</i> <i>sands</i>	<i>Num-</i> <i>ber</i>	<i>Thou-</i> <i>sands</i>		<i>Thou-</i> <i>sands</i>	<i>Num-</i> <i>ber</i>	<i>Thou-</i> <i>sands</i>
Ala	75	46,546	403	4,082	.....	.....	.....	.....
Ariz . . . . .	.....	.....	.....	.....	.....	.....	.....	.....
Ark	29	30,541	382	3,453	2	856	10	63
Calif	9	(²)	22	214	9	(²)	110	422
Colo	2	223	8	7	2	945	8	27
Conn	19	1,661	335	227	1	60	.....	.....
Del	8	12,853	(²)	(²)	.....	.....	.....	.....
Fla	29	13,878	178	1,188	3	83	1	(³)
Ga	51	49,422	623	6,252	1	325	1	21
Idaho	3	795	8	58	.....	.....	.....	.....
Ill	77	3,353	185	109	3	530	18	51
Ind	35	7,565	154	542	2	616	4	9
Iowa	52	6,585	167	289	5	860	22	53
Kans	17	1,867	53	40	1	560	.....	.....
Ky	10	868	12	137	.....	.....	.....	.....
La	30	3,754	46	335	.....	.....	.....	.....
Maine	7	3,578	55	101	.....	.....	.....	.....
Md	15	16,798	284	975	1	11	1	(³)
Mass	7	1,596	351	177	.....	.....	14	(³)
Mich	5	1,181	10	82	1	434	14	28
Minn	47	7,938	181	371	12	6,976	154	583
Miss	50	25,087	411	2,597	.....	.....	.....	.....
Mo	17	5,351	330	192	8	2,060	24	88
Mont	3	401	2	(³)	.....	.....	.....	.....
Nebr	26	2,156	124	52	1	200	2	9
N.H	3	1,338	59	198	2	89	3	2
N.J	11	2,276	71	14	2	142	.....	.....
N. Mex . . . . .	.....	.....	.....	.....	.....	.....	.....	.....
N.Y	23	2,430	55	218	2	77	1	5
N.C	46	37,757	666	5,814	8	3,416	73	450
N. Dak	6	387	10	2	1	45	.....	.....
Ohio	20	4,531	130	208	6	1,912	21	82
Okla	21	1,495	269	21	3	459	.....	.....
Oreg	11	3,540	109	67	3	594	13	6
Pa	67	10,552	160	856	5	412	.....	.....
R.I . . . . .	.....	.....	22	4	1	12	1	(³)
S.C	7	3,146	54	137	1	832	2	3
S. Dak	19	1,447	39	52	.....	.....	.....	.....
Tenn	18	1,601	153	139	.....	.....	.....	.....
Tex	39	5,702	49	267	7	2,154	49	329
Utah	2	122	3	5	2	810	1	30
Vt . . . . .	.....	.....	8	28	.....	.....	.....	.....
Va	4	2,031	114	472	3	1,417	35	151
Wash	9	2,286	32	152	.....	.....	2	7
W. Va . . . . .	.....	.....	.....	.....	.....	.....	.....	.....
Wis	20	2,588	46	179	3	1,062	20	72
Wyo . . . . .	.....	.....	.....	.....	.....	.....	.....	.....
U.S	949	327,226	6,373	30,313	101	27,949	604	2,493

¹Year beginning July 1, 1977.²Not reported.³Less than 1,000 birds.

Science and Education Administration.

FOOTNOTES FOR TABLE 576

¹Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.²Includes value of consumption in households of producers, which is less than 1 percent of total production.³Commercial broilers were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 574.—Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1964–77

Year beginning July	States reporting	Total birds	New Hampshire	White Leg-horn	White Plymouth Rock	Barred Plymouth Rock	Rhode Island Red	Cross-mated	Incross-mated	Other	Total
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1964	47	32,938,647	0.4	12.2	5.2	0.7	0.7	73.4	6.8	0.6	100.0
1965	47	34,148,409	.4	10.8	5.1	.3	.5	75.7	6.0	1.2	100.0
1966	47	38,128,303	.3	10.0	5.0	.3	.6	77.5	6.1	.2	100.0
1967	47	33,505,974	.2	9.9	3.8	.4	.5	78.4	6.2	.6	100.0
1968	47	33,507,516	.2	9.1	3.1	.4	.3	79.7	5.8	1.4	100.0
1969	47	35,844,809	.1	8.6	2.9	.1	.3	82.4	5.0	.6	100.0
1970	45	37,584,000	.3	8.5	3.3	.3	.4	80.9	5.6	.7	100.0
1971	46	32,053,535	.2	8.9	3.9	.4	.4	77.8	6.8	1.6	100.0
1972	47	28,922,101	.2	8.0	4.7	.3	.4	79.1	5.7	1.6	100.0
1973	47	26,647,427	.2	9.3	1.5	.3	.4	81.9	5.5	.9	100.0
1974	47	25,120,867	.3	10.2	.6	.3	.4	80.4	5.5	2.3	100.0
1975	47	26,697,301	.1	8.9	.6	.2	.4	82.8	4.8	2.2	100.0
1976	47	28,839,301	.1	8.9	.6	.2	.4	83.7	4.5	1.6	100.0
1977	47	30,312,932	.1	8.5	1.0	.4	.4	82.5	5.3	1.8	100.0

Science and Education Administration.

Table 575.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1964–78

Year	Production			Com- mercial storage at be- ginning of year	Imports	Exports and ship- ments to Terri- tories	Com- mercial storage at end of year	Consumption		
	Com- mercial broilers	Other chickens	Total					Military	Civilian	
									Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	5,444	751	6,195	135	. . . . .	204	139	87	5,900	31.2
1965	5,872	746	6,618	139	. . . . .	168	108	94	6,387	33.4
1966	6,437	761	7,198	108	. . . . .	167	163	97	6,879	35.6
1967	6,552	827	7,379	163	. . . . .	156	170	104	7,112	36.5
1968	6,653	769	7,422	170	. . . . .	162	97	100	7,233	36.7
1969	7,175	732	7,907	97	. . . . .	166	110	88	7,640	38.4
1970	7,687	778	8,465	110	. . . . .	182	163	69	8,161	40.5
1971	7,724	792	8,516	163	. . . . .	202	149	75	8,253	40.5
1972	8,147	740	8,887	149	. . . . .	206	111	52	8,667	42.0
1973	8,025	736	8,761	111	. . . . .	203	146	47	8,476	40.7
1974	8,126	789	8,915	146	. . . . .	235	175	34	8,617	41.1
1975	8,127	696	8,823	175	. . . . .	273	114	39	8,572	40.6
1976	9,067	684	9,751	114	. . . . .	451	155	33	9,226	43.3
1977	9,418	700	10,118	155	. . . . .	482	138	26	9,627	44.8
1978 ¹	10,151	666	10,817	138	. . . . .	505	102	32	10,316	47.7

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 576.—Chickens: Broiler production, and gross income, United States, 1964–78¹

Year	Production		Price per pound	Gross Income ²	Year	Production		Price per pound	Gross income ²
	Number	Weight				Number	Weight		
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1964	2,161,172	7,521,269	14.2	1,070,124	1972	3,074,921	11,480,101	14.1	1,622,638
1965	2,333,633	8,111,426	15.0	1,217,383	1973	3,008,667	11,219,885	24.0	2,690,362
1966	2,570,516	8,988,508	15.3	1,371,006	1974	2,992,820	11,320,396	21.5	2,436,224
1967	2,591,850	9,183,426	13.3	1,222,641	1975	2,950,099	11,096,015	26.3	2,915,017
1968	2,619,855	9,326,341	14.2	1,325,665	1976	3,282,841	12,517,347	23.6	2,953,278
1969	2,788,732	10,047,769	15.2	1,531,404	1977	3,399,999	12,992,527	23.6	3,066,836
1970 ³	2,986,769	10,818,916	13.6	1,474,710	1978 ⁴ ...	3,619,147	14,052,389	26.3	3,690,807
1971	2,945,348	10,817,657	13.8	1,487,077					

See footnotes on page 401.

Table 577.—Chickens: Broiler production and gross income, by States, 1977 and 1978¹

State	1977				1978 ⁴			
	Production		Price per pound ²	Gross income ³	Production		Price per pound ²	Gross income ³
	Number	Weight			Number	Weight		
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala	428,099	1,583,966	22.0	348,473	441,699	1,634,286	25.0	408,572
Ark	569,558	2,050,409	23.3	477,745	612,102	2,203,567	26.2	577,335
Calif	112,500	495,000	26.7	132,165	122,400	575,280	28.3	162,804
Conn	1,083	4,549	23.1	1,051	0	0	.....	.....
Del	156,081	624,324	23.0	143,595	166,986	684,643	26.0	178,007
Fla	75,727	295,335	22.4	66,155	81,685	318,572	24.8	79,006
Ga	485,879	1,797,752	23.7	426,067	531,889	2,021,178	26.0	525,506
Hawaii	2,158	6,906	42.0	2,901	2,281	7,755	40.5	3,141
Ind	13,624	50,409	23.4	11,796	14,409	54,754	26.5	14,510
Iowa	3,494	31,446	30.5	9,591	3,425	29,113	44.0	12,810
Ky	3,600	12,600	22.0	2,772	3,303	10,900	25.0	2,725
La	63,634	235,446	23.8	56,036	75,736	287,797	26.7	76,842
Maine	86,938	365,140	23.1	84,347	87,895	369,159	25.0	92,290
Md	198,509	794,036	23.0	182,628	220,882	905,616	26.0	235,460
Mich	910	3,913	26.0	1,017	1,190	5,355	29.2	1,564
Minn	14,200	61,060	27.1	16,547	15,100	64,930	30.2	19,609
Miss	255,846	972,215	24.3	236,248	269,373	1,050,555	27.0	283,650
Mo	24,054	93,811	22.7	21,295	22,164	86,440	26.7	23,079
Nebr	1,680	6,720	35.0	2,352	1,530	5,508	45.0	2,479
N.C	339,271	1,357,084	23.4	317,558	353,480	1,413,920	25.9	366,205
Ohio	19,400	71,780	23.1	16,581	23,000	87,400	25.8	22,549
Okla	29,294	105,458	23.5	24,783	35,338	134,284	26.0	34,914
Oreg	15,600	62,400	28.5	17,784	15,500	63,550	31.0	19,701
Pa	88,140	352,560	25.2	88,845	99,300	397,200	27.3	108,436
S.C	34,481	120,684	22.3	26,913	39,045	140,562	24.9	35,000
Tenn	48,884	180,871	22.0	39,792	45,159	167,088	25.0	41,772
Tex	185,322	722,756	25.3	182,857	198,353	773,577	28.0	216,602
Va	98,024	372,491	22.8	84,928	91,562	393,717	24.9	98,036
Wash	16,846	67,384	29.2	19,676	17,252	70,733	30.8	21,786
W. Va	16,256	50,394	27.0	13,606	16,197	50,211	29.0	14,561
Wis	10,907	43,628	24.6	10,732	10,912	44,739	26.5	11,856
U.S	3,399,999	12,992,527	23.6	3,066,836	3,619,147	14,052,389	26.3	3,690,807

¹ Commercial broiler production including production of other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year.

² Live-weight equivalent price.

³ Includes home consumption which is less than 1 percent of total production.

⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 578.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1964–78

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production
	Broiler-type	Egg-type	All		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1964	2,305,959	528,371	2,834,330	13.5	381,867
1965	2,513,881	488,965	3,002,846	13.2	395,770
1966	2,747,592	569,333	3,316,925	12.6	384,181
1967	2,758,542	534,818	3,293,360	11.5	350,903
1968	2,799,089	514,301	3,313,390	11.7	358,944
1969	3,025,040	529,888	3,554,928	11.7	386,723
1970	3,189,169	571,142	3,695,425	11.2	385,643
1971	3,167,952	527,473	3,760,311	11.6	405,314
1972	3,267,457	491,354	3,758,811	11.1	389,593
1973	3,206,986	534,256	3,741,242	12.7	441,968
1974	3,104,430	473,403	3,577,833	14.1	473,759
1975	3,169,071	453,804	3,622,875	14.6	493,198
1976	3,488,326	492,180	3,980,506	15.4	568,957
1977	3,636,672	501,913	4,138,585	15.8	612,591
1978	3,879,303	491,551	4,370,854	16.3	667,723

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 579.—Chicks hatched by commercial hatcheries: Number and average price, by States, 1977 and 1978

State	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	468,097	505,561	10.50	9.90	11,185	12,030	34.80	35.50
Ark	639,044	675,420	15.00	15.50	28,012	30,285	33.50	33.60
Calif	120,352	130,736	21.90	21.20	50,031	51,382	39.30	39.90
Conn	2,546	3,758	13.30	13.90	1,547	1,833	40.90	41.20
Del	172,351	179,457	12.90	13.00	(1)	(1)	.....	.....
Fla	91,310	96,683	11.00	12.10	39,761	37,996	29.90	29.90
Ga	523,385	570,969	11.50	13.10	49,282	50,903	37.00	38.60
Ill	(1)	(1)	.....	.....	13,975	11,740	48.60	47.10
Ind	19,709	21,021	29.70	31.70	36,189	33,265	35.50	38.20
Iowa	(1)	(1)	.....	.....	21,133	19,483	51.30	47.70
Kans	533	547	29.50	30.90	4,882	3,731	43.30	40.60
Maine	88,259	87,465	13.30	13.90	14,553	12,981	40.90	41.20
Md	210,007	225,822	12.90	13.00	(1)	(1)	.....	.....
Mich	(1)	(1)	.....	.....	8,535	7,117	39.60	38.70
Minn	15,598	16,769	29.90	32.10	21,548	25,177	45.60	43.50
Miss	252,012	263,053	12.50	12.10	13,475	13,155	31.80	31.80
Mo	(1)	(1)	.....	.....	17,446	17,305	45.70	47.00
Nebr	1,835	1,595	32.20	32.90	1,542	999	49.70	51.20
N.Y	(1)	(1)	.....	.....	14,230	13,530	37.40	37.70
N.C	377,009	384,592	11.30	11.50	9,239	10,350	34.50	36.20
Okla	(1)	(1)	.....	.....	1,666	1,150	31.20	32.90
Oreg	22,160	23,079	20.00	20.00	7,927	7,244	40.30	43.70
Pa	102,540	113,538	14.20	15.10	19,972	23,381	36.90	36.40
S.C	36,544	41,497	15.40	15.00	9,274	8,861	37.50	39.90
Tenn	20,495	19,358	12.50	12.50	(1)	(1)	.....	.....
Tex	202,300	220,272	23.50	26.30	27,266	27,258	36.90	36.30
Utah	(1)	(1)	.....	.....	(1)	(1)	.....	.....
Va	108,211	120,269	13.80	14.50	8,194	5,828	41.50	37.70
Wash	14,575	14,329	17.90	21.30	7,166	5,917	35.50	41.10
Other States . . .	² 147,800	² 163,513	20.20	21.10	³ 63,883	³ 58,650	43.20	44.10
U.S	3,636,672	3,879,303	14.00	14.60	501,913	491,551	39.00	39.10

¹Included in "Other States."²Colorado, Hawaii, Idaho, Illinois, Iowa, Kentucky, Louisiana, Massachusetts, Michigan, Missouri, Montana, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Rhode Island, South Dakota, Utah, West Virginia, and Wisconsin are combined to avoid disclosing individual operations.³Colorado, Hawaii, Idaho, Kentucky, Louisiana, Maryland, Massachusetts, Montana, New Hampshire, New Jersey, North Dakota, Ohio, Rhode Island, South Dakota, Tennessee, Utah, West Virginia, and Wisconsin are combined to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 580.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1964–78

Year	Ratios ¹			Year	Ratios ¹		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1964	8.1	3.1	4.8	1972	7.2	2.9	4.5
1965	8.1	3.3	5.1	1973	7.9	3.3	4.8
1966	9.1	3.3	5.1	1974	7.0	2.6	3.2
1967	7.3	2.9	4.4	1975	7.0	3.2	4.2
1968	8.5	3.2	4.7	1976	7.8	2.8	3.7
1969	10.0	3.4	5.0	1977	7.3	2.7	3.8
1970	² 9.3	² 2.9	5.0	1978	6.9	3.1	4.6
1971	7.2	2.8	4.6				

¹Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.²Beginning 1970, ratio computed on a December through November marketing year rather than a calendar year.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 581.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1976–78

Class	Number inspected			Pounds inspected (live weight)		
	1976	1977	1978	1976	1977	1978
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens	3,252,771	3,334,126	3,516,411	12,407,837	12,740,713	13,656,047
Mature chickens	180,111	192,817	190,869	786,324	827,522	821,763
Total chickens	3,432,882	3,526,943	3,707,280	13,194,161	13,568,235	14,477,810
Young turkeys	120,614	117,857	123,943	2,324,807	2,285,684	2,418,733
Old turkeys	1,096	962	997	21,766	19,600	20,600
Fryer-roaster turkeys	12,627	9,432	6,861	116,046	87,105	64,112
Total turkeys	134,327	128,251	131,801	2,462,619	2,392,389	2,503,445
Ducks	13,161	13,749	15,418	81,997	85,334	95,403
Other poultry				7,722	8,729	9,140
Total poultry				15,746,499	16,054,687	17,085,798

Class	Pounds certified (ready-to-cook)			Pounds condemned		
				Ante-mortem (live weight)		
	1976	1977	1978	1976	1977	1978
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens	8,987,270	9,227,288	9,883,206	40,495	50,488	65,101
Mature chickens	491,274	512,031	508,838	7,426	8,640	9,844
Total chickens	9,478,544	9,739,319	10,392,044	47,921	59,128	74,945
Young turkeys	1,841,568	1,808,442	1,916,929	5,306	5,651	6,882
Old turkeys	16,739	15,029	15,994	153	105	116
Fryer-roaster turkeys	91,800	69,005	50,553	236	212	196
Total turkeys	1,950,109	1,892,476	1,983,476	5,695	5,968	7,194
Ducks	57,794	59,458	66,079	50	61	58
Other poultry	4,799	5,356	5,811	24	38	27
Total poultry	11,491,246	11,696,609	12,447,410	53,690	65,195	82,224

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1976	1977	1978
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens	196,164	210,019	229,568
Mature chickens	33,160	32,577	30,490
Total chickens	229,324	242,596	260,058
Young turkeys	47,912	46,317	50,663
Old turkeys	1,115	968	712
Fryer-roaster turkeys	1,532	996	911
Total turkeys	50,559	48,281	52,286
Ducks	1,725	1,720	1,834
Other poultry	82	99	84
Total poultry	281,690	292,697	314,262

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 582.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1964–78

Year	Young chickens		Mature chickens		Turkeys			Other poultry ²		Total poultry	
	Further processed	Cut up	Further processed	Cut up	Further processed		Cut up	Further processed	Cut up	Further processed	Cut up
					Whole ¹	Other					
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964 . . .	124,117	847,412	256,729	9,581	211,009		60,249	40,131	741	631,986	917,983
1965 . . .	138,645	1,000,957	310,068	11,289	252,935		97,248	43,068	739	744,716	1,110,233
1966 . . .	178,321	1,108,830	302,236	7,506	334,732		121,337	59,434	890	874,723	1,238,563
1967 . . .	219,596	1,289,210	346,856	7,450	318,146		114,540	78,681	1,161	963,279	1,412,361
1968 . . .	254,016	1,390,418	377,878	6,492	382,754		135,077	72,208	1,717	1,086,856	1,533,704
1969 . . .	272,282	1,628,309	376,909	9,708	493,755		159,563	82,958	4,102	1,225,904	1,801,682
1970 . . .	337,292	1,842,594	392,404	8,608	479,427		190,713	83,274	2,230	1,292,397	2,044,145
1971 . . .	382,804	2,056,747	427,977	5,445	562,493		198,299	85,213	3,502	1,458,487	2,263,993
1972 . . .	436,999	2,316,644	465,675	5,735	639,112		299,777	96,637	2,575	1,638,423	2,624,731
1973 . . .	485,339	2,443,143	481,253	5,413	790,841		262,702	115,121	1,446	1,872,554	2,712,704
1974 . . .	495,659	2,465,624	423,278	6,885	386,953	509,397	295,444	89,722	706	1,905,009	2,768,659
1975 . . .	540,640	2,582,072	356,247	9,926	371,623	536,224	312,764	87,500	483	1,892,234	2,905,245
1976 . . .	643,443	3,113,600	435,859	8,202	446,215	607,724	387,067	117,270	684	2,250,511	3,509,553
1977 . . .	715,839	3,521,522	417,921	10,495	459,294	665,452	426,125	129,547	2,115	2,388,053	3,960,257
1978 . . .	830,229	3,717,089	453,299	10,898	500,892	710,438	466,067	127,358	2,339	2,622,216	4,196,393

¹ Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, and packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.

² Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 583.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1977 and 1978

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry ¹	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	27	33	26,903	27,043	190,259	168,266	334,615	304,559
February	41	27	24,930	25,503	167,830	136,577	302,844	262,724
March	39	25	24,642	22,903	142,335	113,004	279,445	233,352
April	42	36	25,275	22,910	130,334	101,084	267,265	209,665
May	33	29	27,997	22,205	138,198	103,851	281,095	213,287
June	39	26	31,353	26,643	201,380	152,830	353,218	256,995
July	39	26	35,102	27,986	253,613	213,626	409,193	325,802
August	47	48	35,366	28,687	329,928	301,160	484,638	415,886
September	50	43	33,744	28,679	409,264	373,251	565,976	488,928
October	52	23	33,432	27,640	444,495	425,433	598,597	538,337
November	50	35	31,184	25,606	269,398	236,204	417,801	346,418
December	39	38	29,664	25,296	167,943	175,097	310,038	280,138

¹ Includes stocks of turkeys and other poultry.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 584.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1964-77

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors		States reporting	Turkeys in tested flocks (first test)	Reactors	
	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
1964	47	33,175	1,461	0.0044	47	3,798,357	84	0.0022
1965	47	34,261	410	.0012	47	4,121,626	0	.0000
1966	47	38,327	381	.0010	47	4,397,268	2	.00005
1967	47	33,591	741	.0020	47	3,482,049	19	.00005
1968	47	33,613	100	.0005	47	3,127,850	0	.0000
1969	47	35,890	162	.0009	47	3,145,147	6	.0003
1970	45	38,049	107	.0007	45	3,382,259	0	.0000
1971	46	32,233	55	.0005	46	3,086,063	0	.0000
1972	47	28,925	87	.0009	47	3,191,301	0	.0000
1973	47	26,744	88	.0012	47	3,256,168	0	.0000
1974	47	25,133	165	.0029	47	2,888,688	0	.0000
1975	47	26,699	38	.0008	47	2,891,148	0	.0000
1976	47	28,846	90	.0019	47	2,693,782	0	.0000
1977	47	30,313	12	.0002	47	2,496,872	0	.0000

Science and Education Administration.

Table 585.—Turkey breeder hens: Number, value per head, and total value, by States, Dec. 1, 1976-78

State	Number			Value per head			Total value		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ark	44	57	.....	14.00	14.00	.....	616	798	.....
Calif	560	500	.....	11.60	8.90	10.60	6,496	4,450	5,830
Ga	39	46	47	8.80	9.10	10.70	343	419	503
Ill	40	50	59	15.50	14.00	18.00	620	700	1,062
Iowa	135	85	98	12.90	11.00	11.90	1,742	935	1,166
Mich	55	52	40	9.00	10.80	16.00	495	562	640
Minn	480	480	593	7.60	10.70	13.50	3,648	5,136	8,006
Mo	220	220	230	14.00	12.00	12.00	3,080	2,640	2,760
Nebr	9	8	16	8.50	8.50	10.50	77	68	168
N.C	365	420	495	10.60	13.60	11.90	3,869	5,712	5,891
Ohio	109	104	120	10.50	13.50	14.00	1,145	1,404	1,680
Oreg	60	45	63	7.70	9.40	14.10	462	423	888
Pa	24	17	48	10.10	12.50	15.50	242	213	744
S.C	39	39	15	11.20	12.00	11.00	437	468	165
Tex	440	460	475	12.00	11.00	13.00	5,280	5,060	6,175
Utah	37	.....	.....	14.00	.....	.....	518	.....	.....
Va	162	149	168	12.30	13.60	13.10	1,993	2,026	2,201
W. Va	14	28	16	8.10	10.00	13.50	113	280	216
Wis	73	70	75	9.80	6.80	7.50	715	476	563
Other States ¹	164	208	275	13.60	12.60	13.60	2,228	2,620	3,745
Total ²	3,069	3,038	3,383	11.12	11.32	12.53	34,119	34,390	42,403

¹Arkansas, Colorado, Indiana, Kansas, New York, North Dakota, Oklahoma, South Dakota, Utah, and Washington combined to avoid disclosing individual operations.²Major producing States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 586.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1969–78¹

Year	Number	Value per head	Total value	Year	Number	Value per head	Total value	Year	Number	Value per head	Total value
	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 . . .	3,331	5.97	19,882	1973 . .	3,148	9.47	32,378	1977 . .	3,038	11.32	34,390
1970 . . .	3,173	5.82	18,459	1974 . .	2,970	9.81	29,126	1978 ² . .	3,383	12.53	42,403
1971 . . .	2,999	6.18	18,525	1975 . .	3,014	10.81	32,580				
1972 . . .	3,135	6.46	20,242	1976 . .	3,069	11.12	34,119				

¹Major producing States. ²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 587.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1964–78

Year	Production	Commercial storage at beginning of year	Exports and shipments to Territories	Commercial storage at end of year	Consumption		
					Military	Civilian	
						Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1964	1,453	217	43	207	36	1,384	7.4
1965	1,515	207	58	200	40	1,424	7.4
1966	1,674	200	47	267	56	1,504	7.8
1967	1,870	267	49	367	53	1,668	8.6
1968	1,611	367	41	317	63	1,557	7.9
1969	1,606	317	40	192	48	1,643	8.3
1970	1,729	192	43	219	49	1,610	8.0
1971	1,772	219	27	223	41	1,700	8.3
1972	1,909	223	42	208	42	1,840	8.9
1973	1,933	208	54	281	31	1,775	8.5
1974	1,921	281	43	275	14	1,870	8.9
1975	1,803	275	53	195	19	1,811	8.6
1976	2,059	195	71	203	18	1,961	9.2
1977	2,023	203	56	168	11	1,991	9.3
1978 ¹	2,111	168	57	175	15	2,032	9.4

¹Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 588.—Turkeys: Production, disposition, and gross income, United States, 1964–78

Year	Number				Pounds (live weight)		Price per pound live weight	Value of turkeys produced	Gross income
	Raised ¹	Lost ²	Pro-duced ³	Sold	Produced	Sold			
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	101,105	213	100,892	100,788	1,826,035	1,823,562	21.0	383,909	383,405
1965	105,914	211	105,703	104,898	1,915,331	1,900,703	22.2	424,449	421,295
1966	116,538	253	116,285	115,379	2,123,484	2,106,970	23.1	489,596	485,750
1967	126,577	263	126,314	126,846	2,343,589	2,353,937	19.5	457,710	459,581
1968	106,709	197	106,512	107,254	2,014,589	2,027,934	20.5	413,921	416,738
1969	106,736	207	106,529	106,351	2,029,315	2,026,709	22.4	454,633	454,115
1970	116,139	(⁴)	(⁴)	(⁴)	2,197,916	(⁴)	22.6	(⁴)	497,815
1971	119,657	.....	.....	.....	2,255,614	.....	22.1	.....	499,576
1972	128,664	.....	.....	.....	2,423,618	.....	22.2	.....	536,945
1973	132,231	.....	.....	.....	2,451,848	.....	38.2	.....	935,882
1974	131,909	.....	.....	.....	2,437,121	.....	28.0	.....	683,164
1975	124,165	.....	.....	.....	2,276,504	.....	34.8	.....	793,271
1976	139,961	.....	.....	.....	2,605,321	.....	31.7	.....	824,839
1977	136,359	.....	.....	.....	2,562,285	.....	35.5	.....	910,223
1978 ⁵	139,800	.....	.....	.....	2,669,365	.....	43.6	.....	1,163,294

See footnotes on page 409.

Table 589.—Turkeys: Production and gross income, by States, 1978

State	Number raised ¹	Pounds produced	Price per pound ²	Gross income ³
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ark	12,500	235,000	45.0	105,750
Calif	16,780	335,600	43.6	146,322
Colo	3,580	91,648	46.0	42,158
Conn	41	804	70.0	563
Ga	1,799	41,197	39.6	16,314
Ill	434	8,723	46.0	4,013
Ind	4,655	86,583	37.2	32,209
Iowa	6,259	134,569	43.8	58,941
Kans	129	2,838	44.0	1,249
Maine	6	118	62.0	73
Md	91	1,793	45.7	819
Mass	146	2,993	68.0	2,035
Mich	1,210	30,250	48.0	14,520
Minn	22,238	382,494	42.4	162,177
Mo	10,500	202,650	43.5	88,153
Nebr	490	9,849	47.2	4,649
N.H	23	485	69.0	335
N.J	58	1,270	60.0	762
N.Y	155	3,224	43.0	1,386
N.C	18,854	324,289	43.0	139,444
N. Dak	871	13,588	45.0	6,115
Ohio	2,565	64,638	45.4	29,346
Okla	1,450	22,620	45.0	10,179
Oreg	1,275	24,735	46.7	11,551
Pa	3,450	62,100	47.4	29,435
R.I	10	210	68.0	143
S.C	2,527	59,132	40.7	24,067
S. Dak	979	19,972	41.4	8,268
Tenn	3	57	42.0	24
Tex	7,300	146,000	43.9	64,094
Utah	2,794	63,983	49.0	31,352
Vt	13	260	66.0	172
Va	8,546	143,573	41.6	59,726
W. Va	2,105	34,101	40.0	13,640
Wis	5,706	112,979	45.0	50,841
Other States ⁴	258	5,040	49.0	2,469
U.S	139,800	2,669,365	43.6	1,163,294

¹ Based on turkeys hatched from Sept. 1 to Aug. 1. Excludes turkeys lost.² Live-weight equivalent price.³ Includes home consumption which is less than 1 percent of total production.⁴ Alabama, Arizona, Delaware, Florida, Kentucky, Montana, New Mexico, Washington, and Wyoming combined to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 588

¹ Total poults hatched less death loss of poults and young turkeys during the year.² Death loss during the year of breeder hens on hand Jan. 1.³ Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.⁴ Not available after 1969.⁵ Preliminary

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 590.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1964–78

Year	Heavy white breeds ¹	All other heavy breeds ¹	Total all heavy breeds ²	Light breeds ³	Total all breeds
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964	41,840	53,295	95,135	13,032	108,167
1965	53,709	49,581	103,290	13,588	116,878
1966	69,046	43,479	112,525	18,424	130,949
1967			122,210	16,354	138,564
1968			100,249	13,866	114,115
1969			103,279	11,990	115,269
1970			116,021	13,722	129,743
1971			115,379	13,224	128,603
1972			125,512	16,067	141,579
1973			128,906	16,679	145,585
1974			125,559	14,420	140,019
1975			121,158	15,918	137,076
1976			130,980	18,494	149,474
1977			136,029	12,354	148,383
1978			148,838	8,689	157,527

¹ Estimates discontinued as of January 1967.² Birds for which the normal mature marketing live weight is 12 pounds or over.³ Birds for which the normal mature marketing live weight is less than 12 pounds.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 591.—Turkeys: Poults hatched by commercial hatcheries, by breeds, by States, 1977 and 1978¹

State	Heavy breeds ²		Light breeds ³		Total all breeds	
	1977	1978	1977	1978	1977	1978
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Calif	19,413	20,151	590	39	20,003	20,190
Colo					4,754	4,689
Ga					1,210	1,293
Ill	876	1,105			876	1,105
Iowa	6,417	5,329			6,417	5,329
Minn	23,161	26,256	6,925	4,997	30,086	31,253
Mo					12,426	13,168
N.C	15,965	19,897	1,420	1,864	17,385	21,761
Ohio					7,483	9,317
Okla	963	371			963	371
Pa	2,234	1,859	364	17	2,598	1,876
Texas		9,401			8,992	9,401
Va	5,438	6,385	2,164	1,571	7,602	7,956
Wis					4,767	5,310
Other States ⁴	22,343	24,340	478	168	22,821	24,508
U.S.	136,029	148,838	12,354	8,689	148,383	157,527

¹ Heavy and light breeds not published in some States in order to avoid disclosing individual operations.² Birds for which the normal mature marketing live weight is 12 pounds or over.³ Birds for which the normal mature marketing live weight is less than 12 pounds.⁴ Alabama, Arkansas, Florida, Indiana, Kansas, Maryland, Massachusetts, Michigan, Nebraska, New Hampshire, New Jersey, New York, Oregon, Rhode Island, South Carolina, Utah, and Washington combined to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 592.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1977 and 1978¹

State	1977			1978		
	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
Ala	13,434	237	3,183	13,794	241	3,329
Alaska	29	214	6.2	21	210	4.4
Ariz	642	218	140	527	224	118
Ark	16,130	236	3,812	16,696	239	3,998
Calif	36,469	229	8,345	35,767	235	8,412
Colo	2,200	231	508	2,339	229	535
Conn	3,665	235	863	3,785	237	897
Del	585	219	128	590	219	129
Fla	12,633	237	2,998	12,305	240	2,954
Ga	23,195	236	5,468	23,813	238	5,662
Hawaii	991	220	218	1,007	216	218
Idaho	837	229	192	911	226	206
Ill	5,873	237	1,389	5,772	239	1,380
Ind	13,363	234	3,128	14,417	239	3,447
Iowa	8,429	238	2,004	8,152	235	1,914
Kans	2,334	235	548	2,150	238	511
Ky	2,498	227	566	2,449	226	553
La	2,636	227	598	2,609	224	584
Maine	7,266	254	1,849	7,597	252	1,916
Md	1,375	224	308	1,359	230	313
Mass	1,487	239	355	1,413	241	341
Mich	6,471	236	1,530	6,395	234	1,497
Minn	8,875	239	2,120	9,021	243	2,189
Miss	7,345	242	1,775	7,084	239	1,696
Mo	4,941	243	1,199	5,338	247	1,320
Mont	770	232	179	797	242	193
Nebr	3,386	218	739	3,472	225	780
Nev	20	155	3.1	12	192	2.3
N.H	842	249	210	879	253	222
N.J	2,088	214	446	1,716	219	375
N. Mex	1,274	226	288	1,484	242	359
N.Y	7,475	241	1,805	7,488	246	1,845
N.C	11,874	240	2,846	12,738	242	3,081
N. Dak	454	218	99	409	232	95
Ohio	8,404	231	1,941	9,100	235	2,140
Okla	2,160	225	487	2,612	234	612
Oreg	2,238	235	525	2,344	237	555
Pa	12,212	242	2,960	13,418	250	3,357
R.I	207	245	50.7	221	231	51.0
S.C	5,064	246	1,248	5,681	248	1,409
S. Dak	2,611	222	579	2,551	220	562
Tenn	4,178	238	993	4,016	243	974
Tex	10,688	228	2,436	11,263	234	2,630
Utah	1,468	228	335	1,680	238	399
Vt	488	248	121	490	245	120
Va	3,499	234	819	3,748	236	885
Wash	4,502	236	1,063	4,751	236	1,121
W. Va	829	665	192	665	230	153
Wis	4,346	226	981	4,117	236	973
Wyo	109	217	23.7	88	199	17.5
U.S	274,871	235	64,600	281,068	238	67,034

¹ Estimates for a Dec. 1 through Nov. 30 marketing year.² Number of eggs produced during the year divided by the average number of hens and pullets of laying age on hand during the year.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 593.—Eggs: Production in specified countries, 1976–78

Continent and country	1976	1977	1978 ¹	Continent and country	1976	1977	1978 ¹
North America:	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	Europe—Continued	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada	5,245	5,504	5,475	Czechoslovakia	4,492	4,639	4,650
Mexico	7,665	8,240	8,400	Hungary	3,995	4,528	5,000
United States	64,849	64,886	67,155	Poland	8,020	8,412	8,400
Total	77,759	78,630	81,030	Romania	5,845	6,000	6,200
South America:				Yugoslavia	3,825	4,041	4,200
Argentina	3,659	3,072	3,150	Total Eastern Europe ..	26,177	27,620	28,450
Brazil	6,120	6,252	6,600	Total Europe	46,569	48,221	48,416
Peru	1,230	1,230	875	Soviet Union	55,600	61,000	65,000
Venezuela	1,822	1,910	2,043	Asia and Oceania:			
Total	12,831	12,464	12,668	Hong Kong	53	63	68
Europe:				Japan	30,990	31,307	32,600
Belgium and Luxembourg	3,523	3,848	3,770	Turkey	3,093	3,966	4,100
Denmark	1,218	1,173	1,190	Australia ²	3,228	3,308	3,430
France	12,890	12,670	13,050	Total	37,364	38,644	40,198
Germany, Fed. Rep. of ..	14,350	14,820	14,700	Grand total	230,123	238,959	247,312
Ireland	691	659	650				
Italy	11,518	11,309	11,400				
Netherlands	5,615	5,994	6,600				
United Kingdom	13,950	14,100	14,250				
Total EC	63,755	64,573	65,610				
Austria	1,577	1,567	1,600				
Finland	1,503	1,495	1,320				
Greece	2,235	2,240	2,220				
Norway	625	632	666				
Portugal	1,191	947	1,150				
Spain	10,831	11,283	10,500				
Sweden	1,700	1,717	1,785				
Switzerland	730	720	725				
Total Western Europe	20,392	20,601	19,966				

¹ Preliminary.² Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 594.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1964–78

Year	Hens and pullets, average number during year	Rate of lay per layer during year ¹	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms	Gross income ²
			Total produced	Consumed in farm household	Sold				
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	301,136	217	65,215	2,439	62,776	33.8	1,769,648	66,736	1,836,384
1965	301,053	218	65,560	2,056	63,504	33.7	1,784,898	55,752	1,840,650
1966	303,832	218	66,205	1,612	64,593	39.1	2,105,841	50,686	2,156,527
1967	313,717	221	69,327	1,558	67,769	31.3	1,764,933	38,878	1,803,811
1968	309,824	220	68,156	1,393	66,763	34.0	1,892,800	38,016	1,930,816
1969	306,886	220	67,546	1,172	66,374	40.0	2,212,189	38,178	2,250,367
1970 ³	312,759	218	68,212	953	67,259	39.1	2,190,339	30,348	2,220,687
1971	312,886	223	69,649	789	68,860	31.4	1,800,746	20,038	1,820,784
1972	304,504	227	69,219	692	68,527	30.9	1,763,899	16,982	1,780,881
1973	290,588	227	66,039	627	65,412	52.5	2,859,253	26,517	2,885,770
1974	284,732	230	65,620	580	65,040	53.2	2,884,478	25,044	2,909,522
1975	278,101	232	64,626	536	64,090	52.4	2,796,785	22,490	2,819,275
1976	274,134	235	64,511	502	64,009	58.3	3,109,916	23,556	3,133,472
1977	274,871	235	64,600	475	64,125	55.6	2,973,332	21,342	2,994,674
1978 ⁴	281,068	238	67,034	457	66,577	52.2	2,898,740	19,262	2,918,002

See footnotes on page 414.

Table 595.—Eggs: Production, disposition, cash receipts and gross income, by States, 1978 (preliminary)¹

State	Produced	Consumed in farm household	Sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms ²	Gross income ³
	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	3,329	14	3,315	62.8	173,485	733	174,218
Alaska	4.4	(⁴)	4.4	125.0	458	.....	458
Ariz	118	.5	117.5	42.0	4,113	18	4,131
Ark	3,998	12	3,986	52.0	172,727	520	173,247
Calif	8,412	5	8,407	46.0	322,268	192	322,460
Colo	535	6	529	50.0	22,042	250	22,292
Conn	897	1	896	68.7	51,296	57	51,353
Del	129	.6	128.4	67.9	7,265	34	7,299
Fla	2,954	4	2,950	42.7	104,971	142	105,113
Ga	5,662	7	5,655	60.7	286,049	354	286,403
Hawaii	218	(⁴)	218	69.9	12,699	.....	12,699
Idaho	206	4	202	46.0	7,743	153	7,896
Ill	1,380	12	1,368	53.0	60,420	530	60,950
Ind	3,447	13	3,434	52.1	149,093	564	149,657
Iowa	1,914	23	1,891	38.8	61,142	744	61,886
Kans	511	13	498	41.8	17,347	453	17,800
Ky	553	22	531	47.7	21,107	875	21,982
La	584	9	575	62.8	30,092	471	30,563
Maine	1,916	1	1,915	62.3	99,420	52	99,472
Md	313	4	309	67.9	17,484	226	17,710
Mass	341	1	340	66.2	18,757	55	18,812
Mich	1,497	15	1,482	46.5	57,428	581	58,009
Minn	2,189	20	2,169	41.5	75,011	692	75,703
Miss	1,696	8	1,688	61.1	85,947	407	86,354
Mo	1,320	19	1,301	46.1	49,980	730	50,710
Mont	193	8	185	54.3	8,371	362	8,733
Nebr	780	16	764	38.1	24,257	508	24,765
Nev	2.3	.7	1.6	44.5	59	26	85
N.H	222	1	221	65.5	12,063	55	12,118
N.J	375	1	374	56.8	17,703	47	17,750
N. Mex	359	1	358	57.0	17,005	48	17,053
N.Y	1,845	11	1,834	46.5	71,068	426	71,494
N.C	3,081	19	3,062	61.8	157,693	979	158,672
N. Dak	95	10	85	34.0	2,408	283	2,691
Ohio	2,140	18	2,122	44.9	79,398	674	80,072
Okla	612	14	598	59.0	29,402	688	30,090
Oreg	555	10	545	50.8	23,072	423	23,495
Pa	3,357	18	3,339	49.3	137,177	740	137,917
R.I	51	(⁴)	51	65.6	2,788	.....	2,788
S.C	1,409	7	1,402	53.2	62,155	310	62,465
S. Dak	562	15	547	35.6	16,228	445	16,673
Tenn	974	14	960	53.4	42,720	623	43,343
Tex	2,630	38	2,592	60.8	131,328	1,925	133,253
Utah	399	2	397	44.0	14,557	73	14,630
Vt	120	2	118	75.9	7,464	127	7,591
Va	885	12	873	64.3	46,778	643	47,421
Wash	1,121	5	1,116	46.8	43,524	195	43,719
W. Va	153	6	147	61.5	7,534	308	7,842
Wis	973	12	961	43.7	34,996	437	35,433
Wyo	17.5	2	15.5	50.2	648	84	732
U.S	67,034	457	66,577	52.2	2,898,740	19,262	2,918,002

¹ Data cover both farm and commercial operations. Annual production, disposition, cash receipts, and gross income estimates for eggs are computed on a Dec. 1 through Nov. 30 marketing year.

² Valued at same price as eggs sold.

³ Cash receipts plus value of home consumption may not add to gross income due to rounding.

⁴ Less than one-half million eggs.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 596.—Eggs: Supply, distribution, and per capita consumption, United States, 1964–78¹

Year	Total egg production	Storage at beginning of the year ²	Imports ²	Exports and shipments to Territories ²	Eggs used for hatching	Consumption			
						Storage at end of the year ²	Military ²	Civilian	
								Total	Per capita
	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Number</i>
1964	5,435	44	2	31	320	46	76	5,008	318
1965	5,463	46	(³)	39	336	41	93	5,000	313
1966	5,517	41	14	43	365	28	102	5,034	312
1967	5,777	28	4	55	358	71	110	5,215	321
1968	5,680	71	5	46	361	56	108	5,185	316
1969	5,629	56	9	41	389	34	83	5,147	310
1970	5,704	34	27	45	402	39	78	5,201	309
1971	5,806	39	10	44	389	58	60	5,304	312
1972	5,742	58	1	56	391	53	64	5,237	304
1973	5,502	53	13	49	392	34	42	5,051	291
1974	5,461	34	13	57	366	42	38	5,005	286
1975	5,382	42	5	62	372	28	43	4,924	280
1976	5,377	28	3	65	409	21	45	4,868	274
1977	5,407	21	14	91	429	24	36	4,862	272
1978 ⁴	5,596	24	11	120	463	20	28	5,000	277

¹Calendar years.²Shell eggs and the approximate shell-egg equivalent of egg product.³Less than 500,000 dozen.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 597.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1970–78

Year	Large	Year	Large	Year	Large
	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>
1970	47.49	1973	65.63	1976	70.33
1971	39.95	1974	64.49	1977	63.27
1972	41.61	1975	63.93	1978	61.68

Agricultural Marketing Service.

FOOTNOTES FOR TABLE 594

¹Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.²Value of sales plus value of eggs consumed in households of producers.³Annual production, disposition, cash receipts, and gross income estimates for eggs were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 598.—Eggs: Products under Federal inspection, United States, fiscal years 1977 and 1978

Item	Quantity		Item	Quantity	
	1977	1978		1977	1978
Shell eggs broken	<i>1,000 dozen</i> 674,793	<i>1,000 dozen</i> 688,717	Frozen product produced: ³	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Edible liquid from shell eggs broken:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Whole plain	159,814	148,293
Whole	424,933	415,123	Whole blends	61,596	61,640
White	241,173	257,861	White	43,475	57,277
Yolk	168,972	176,712	Yolk plain	12,829	16,061
Total	835,078	849,696	Yolk blends	70,362	68,480
Inedible liquid from shell eggs broken	45,344	51,330	Total	348,076	351,751
Liquid egg used in processing: ¹			Dried product produced: ³		
Whole	487,904	450,240	Whole plain	10,371	11,090
White	344,964	354,490	Whole blends	24,521	22,892
Yolk	190,314	192,906	White	19,217	19,181
Total	1,023,182	997,636	Yolk plain	13,894	14,639
Ingredients added in processing ² . . .	36,077	34,950	Yolk blends	6,746	6,688
Liquid product produced for immediate consumption and processing: ³			Total	74,749	74,490
Whole plain	131,994	142,441			
Whole blends	51,572	57,134			
White	148,969	140,368			
Yolk plain	25,533	19,246			
Yolk blends	36,150	41,792			
Total	394,218	400,981			

¹ Includes frozen eggs used for processing. Excludes ingredients added.

² Includes all non-egg ingredients added.

³ Includes ingredients added.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

Economic trends table 599.

Farm property, table 600.

Population and employment, table 618.

Farm production and distribution, table 627.

Price and income, table 643

Costs and expenses, table 660.

Table 599.—Economic trends: Data relating to agriculture, United States, 1964–78

Year	Prices paid by farmers		Prices received by farmers	Farm income			
	Total including interest, taxes, and wage rates	Com-modities only		Gross farm income ¹	Produc-tion expenses	Net income	
						Current dollars	1967 dollars
	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1964	92	93	93	42.3	31.8	10.5	11.3
1965	94	96	98	46.5	33.6	12.9	13.6
1966	99	99	106	50.5	36.5	14.0	14.4
1967	100	100	100	50.5	38.2	12.3	12.3
1968	103	102	102	51.8	39.5	12.3	11.8
1969	108	106	107	56.4	42.1	14.3	13.0
1970	112	110	110	58.6	44.4	14.2	12.2
1971	118	115	113	62.0	47.4	14.6	12.1
1972	125	122	125	71.0	52.3	18.7	14.9
1973	144	142	179	98.9	65.6	33.3	25.1
1974	164	161	192	98.3	72.2	26.1	17.7
1975	180	177	185	100.3	75.9	24.5	15.2
1976	192	187	186	101.8	83.1	18.7	11.0
1977	202	196	183	108.5	88.8	19.8	10.9
1978	219	212	210	126.0	98.1	27.9	14.3

See footnotes at end of table.

Table 599.—Economic trends: Data relating to agriculture, United States 1964-78—Continued

Year	Farm real estate value ²	Farm real estate debt	Volume of agricultural exports	Volume of agricultural imports	National income ³	Disposable personal income ⁵	Industrial production ⁴	Consumer prices all items ⁵	Producer prices all commodities ⁵
	<i>Index numbers 1967 = 100</i>	<i>Million dollars</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>
1964	82	16,804	104	93	519.2	437.0	81.7	92.9	94.7
1965	86	18,984	101	95	566.0	472.2	89.8	94.5	96.6
1966	93	21,187	107	101	622.2	510.4	97.8	97.2	99.8
1967	100	23,077	100	100	655.8	544.5	100.0	100.0	100.0
1968	107	25,142	100	112	714.4	588.1	106.3	104.2	102.5
1969	113	27,397	94	105	767.9	630.4	111.1	109.8	106.5
1970	117	29,183	111	110	798.4	685.9	107.8	116.3	110.4
1971	122	30,346	111	113	858.1	742.8	109.6	121.3	114.0
1972	132	32,208	129	118	951.9	801.3	119.7	125.3	119.1
1973	150	35,758	166	121	1,064.6	901.7	129.8	133.1	134.7
1974	187	41,253	155	115	1,136.0	984.6	129.3	147.7	160.1
1975	213	46,288	156	123	1,215.0	1,086.7	117.8	161.2	174.9
1976	242	51,069	174	139	1,359.8	1,184.5	130.5	170.5	183.0
1977	283	56,560	177	138	1,525.8	1,305.1	138.2	181.5	194.2
1978	308	63,642	.....	.....	1,724.3	1,458.4	146.1	195.4	209.3

¹Includes cash receipts from marketings, government payments, nonmoney income (gross rental value of home consumption), other income (machine hire and custom work), and value of change in farm inventories.

²Farmland and buildings per acre as of Mar. 1 through 1975; as of Feb. 1 beginning 1976.

³U.S. Department of Commerce.

⁴Federal Reserve Board.

⁵U.S. Department of Labor.

Economics, Statistics, and Cooperatives Services—Crop Reporting Board and Economics.

Table 600.—Farms: Number, total land, and average size of farm, U.S., 1975-79¹

Year	Farms	Total land in farms	Average size of farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1975	2,491	1,062,723	427
1976	2,454	1,059,148	432
1977	2,409	1,054,798	438
1978	2,370	1,052,018	444
1979 ²	2,330	1,048,768	450

¹ A farm is defined as a place having sales of agricultural products of \$1,000 or more. Estimates are not comparable to those published in previous *Agricultural Statistics* when a farm was defined as a place of 10 or more acres having annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 601.—Farms: Number and area, by States, 1978 and 1979¹

State	Farms		Land in farms	
	1978	1979 ²	1978	1979 ²
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
Ala	57,000	56,000	13,200	13,200
Alaska ³	290	300	1,670	1,680
Ariz	5,800	5,800	40,600	40,500
Ark	59,000	58,000	16,900	16,800
Calif	62,000	60,000	32,800	32,300
Colo	26,900	26,500	38,300	38,000
Conn	3,700	3,600	460	450
Del	3,100	3,000	630	620
Fla	35,000	35,000	13,900	13,800
Ga	55,000	54,000	15,500	15,700
Hawaii	3,700	3,700	2,290	2,290
Idaho	23,400	23,300	15,400	15,400
Ill	109,000	107,000	28,700	28,700
Ind	90,000	89,000	16,900	16,900
Iowa	123,000	121,000	34,000	34,000
Kans	73,000	72,000	48,300	48,200
Ky	99,000	96,000	14,500	14,400
La	35,500	35,000	10,400	10,300
Maine	7,400	7,600	1,640	1,640
Md	16,100	16,000	2,815	2,805
Mass	4,800	4,800	650	650
Mich	65,000	63,000	10,800	10,600
Minn	104,000	104,000	30,300	30,300
Miss	56,000	53,000	14,800	14,500
Mo	120,000	118,000	32,300	32,300
Mont	22,000	21,700	62,100	62,000
Nebr	65,000	63,000	47,900	47,800
Nev	2,000	2,000	8,990	8,990
N.H	3,000	3,000	580	580
N.J	7,600	7,600	990	990
N. Mex	11,400	11,200	46,800	46,700
N.Y	46,000	45,000	10,200	10,000
N.C	100,000	99,000	12,400	12,400
N. Dak	41,000	41,000	41,690	41,690
Ohio	98,000	97,000	16,400	16,300
Okla	73,000	73,000	35,000	35,000
Oreg	30,000	30,000	18,700	18,650
Pa	61,000	59,000	9,000	8,900
R.I	660	670	63	63
S.C	36,000	35,000	6,600	6,500
S. Dak	42,000	41,500	45,450	45,450
Tenn	96,000	94,000	13,800	13,700
Tex	163,000	159,000	139,000	138,700
Utah	12,300	12,200	12,850	12,800
Vt	6,000	5,900	1,750	1,740
Va	60,000	59,000	9,800	9,700
Wash	33,500	33,000	16,100	16,100
W. Va	19,600	19,500	4,200	4,180
Wis	96,000	95,000	18,800	18,700
Wyo	7,300	7,200	35,100	35,100
U.S	2,370,050	2,330,070	1,052,018	1,048,768

¹ A farm is defined as a place having sales of agricultural products of \$1,000 or more. Estimates are not comparable to those published in previous *Agricultural Statistics* when a farm was defined as a place of 10 or more acres having annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more.

² Preliminary.

³ Exclusive of grazing land leased from U.S. Government, Alaska farmland totals about 70,000 acres.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 604

¹ Cropland harvested, crop failure, and cultivated summer fallow.

² Grassland and other nonforest pasture and range.

³ Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.

⁴ Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.

⁵ Remeasurement and increases in reservoirs account for changes in total land area except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 602.—Farms: Classification by tenure of operator, United States, 1880–1974

Year	Farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1880	4,008,907				25.6	
1890	4,564,641				28.4	
1900	5,737,372	55.8	7.9	1.0	35.3	
1910	6,361,502	52.7	9.3	.9	37.0	
1920	6,448,343	52.2	8.7	1.1	42.4	17.5
1925	6,371,640	52.0	8.7	.6	38.6	19.9
1930 ¹	6,295,103	46.3	10.4	.9	42.4	24.1
1935	6,812,350	47.1	10.1	.7	42.1	20.9
1940 ¹	6,102,417	50.6	10.1	.6	38.8	18.0
1945	5,859,169	56.3	11.3	.7	31.7	15.5
1950 ¹	5,388,437	57.4	15.3	.4	26.9	13.1
1954	4,782,416	57.4	18.2	.4	24.0	11.6
1959 ¹	3,710,503	57.1	22.5	.6	19.8	7.4
1964 ¹	3,157,857	57.6	24.8	.6	17.1	
1969 ¹	2,730,250	62.5	24.6		12.9	
1974 ¹	2,314,013	61.5	27.2		11.3	

¹Includes Alaska and Hawaii.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 603.—Land in farms: Classification by tenure of operator, United States, 1880–1974

Year	Land in farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1880	536,081,835					
1890	623,218,619					
1900	838,591,744	51.4	14.9	10.4	23.3	
1910	878,798,325	52.9	15.2	6.1	25.8	
1920	955,883,715	48.3	18.4	5.7	27.7	6.4
1925	924,319,352	45.4	21.3	4.7	28.7	7.1
1930 ¹	990,111,984	37.6	24.9	6.4	31.0	9.2
1935	1,054,515,111	37.1	25.2	5.8	31.9	7.9
1940 ¹	1,065,113,774	35.9	28.2	6.5	29.4	6.3
1945	1,141,615,364	36.1	32.5	9.3	22.0	5.0
1950 ¹	1,161,419,720	36.1	36.4	9.2	18.3	3.6
1954	1,158,191,511	34.2	40.7	8.6	16.4	2.4
1959 ¹	1,123,507,574	30.8	44.8	9.8	14.5	1.4
1964 ¹	1,110,187,000	28.7	48.0	10.2	13.1	
1969 ¹	1,063,346,489	35.3	51.8		12.9	
1974 ¹	1,017,030,357	35.3	52.7		12.0	

¹Includes Alaska and Hawaii.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 604.—Land utilization, United States, selected years, 1910–74

Major land uses	1910	1920	1930	1940	1950	1959	1969	1974
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>
Cropland used for crops ¹	330	368	382	368	377	359	333	361
Idle cropland	23	34	31	31	32	33	51	21
Cropland used only for pasture	84	78	67	68	69	66	88	83
Grassland pasture ²	693	652	652	650	631	633	604	598
Forest land ³	600	602	601	608	601	728	723	718
Special uses ⁴						147	174	182
Other land	174	170	171	179	194	305	291	301
Total land area ⁵	1,904	1,904	1,904	1,904	1,904	2,271	2,264	2,264

See footnotes on page 418.

Table 605.—Land utilization, by States, 1974

State	Cropland			Grassland pasture ²	Forest land ³	Special use areas ⁴	Other land	Total land area
	Used for crops ¹	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala	3,243	419	2,135	2,917	21,333	1,768	637	32,452
Alaska	17	6	2	1,625	118,076	32,902	209,888	362,516
Ariz	1,310	218	117	40,941	17,420	8,709	3,872	72,587
Ark	7,296	521	2,469	2,559	18,236	1,566	598	33,245
Calif	9,276	463	1,404	23,910	39,826	16,292	8,900	100,071
Colo	9,159	508	1,292	29,274	19,387	3,238	3,552	66,410
Conn	163	15	56	46	1,846	661	325	3,112
Del	513	12	21	8	390	186	138	1,268
D.C						39		39
Fla	2,732	380	1,086	6,026	17,652	5,647	1,095	34,618
Ga	4,764	556	1,828	1,731	24,869	2,766	653	37,167
Hawaii	151	169	37	1,018	1,626	842	269	4,112
Idaho	5,272	249	874	20,840	18,030	4,078	3,570	52,913
Ill	22,502	652	1,856	1,834	3,745	3,211	1,879	35,679
Ind	11,978	678	1,423	1,487	3,870	2,041	1,625	23,102
Iowa	24,134	425	3,630	2,152	2,430	1,968	1,063	35,802
Kans	26,821	909	3,895	15,950	1,363	2,210	1,196	52,344
Ky	4,339	571	4,487	2,013	11,888	1,519	559	25,376
La	4,037	595	1,427	2,270	15,342	1,731	3,353	28,755
Maine	456	96	101	142	17,505	779	710	19,789
Md	1,525	110	258	209	2,925	1,028	275	6,330
Mass	193	16	55	52	2,848	1,208	637	5,009
Mich	6,567	869	909	1,241	19,000	3,867	3,910	36,363
Minn	20,519	1,394	1,993	1,954	18,415	4,004	2,466	50,745
Miss	5,467	764	2,478	2,620	16,892	1,281	767	30,269
Mo	12,842	947	6,692	6,610	12,661	2,321	2,084	44,157
Mont	14,504	372	1,145	49,465	19,899	4,633	3,158	93,176
Nebr	19,724	412	3,274	22,137	1,032	1,618	752	48,949
Nev	564	36	153	46,673	7,255	7,235	8,412	70,328
N.H	120	11	43	34	5,046	304	219	5,777
N.J	569	62	83	54	1,856	1,598	591	4,813
N. Mex	1,553	207	542	50,525	17,256	5,325	2,295	77,703
N.Y	4,396	461	1,228	1,580	14,897	5,502	2,548	30,612
N.C	4,849	628	1,099	1,050	20,223	2,731	651	31,231
N. Dak	27,275	753	2,270	10,528	419	1,532	1,562	44,339
Ohio	10,457	733	1,515	1,610	6,422	2,983	2,504	26,224
Okla	10,731	449	4,651	16,235	9,296	2,029	629	44,020
Oreg	4,242	219	815	23,172	29,387	2,655	1,067	61,557
Pa	4,437	470	1,023	1,026	17,638	3,714	470	28,778
R.I	22	2	5	5	395	190	52	671
S.C	2,610	251	704	667	12,402	1,599	1,111	19,344
S. Dak	16,655	255	2,770	24,670	1,700	1,590	971	48,611
Tenn	4,439	436	3,501	1,899	12,820	2,193	1,162	26,450
Tex	24,383	2,275	11,280	95,803	24,043	6,852	3,130	167,766
Utah	1,426	132	438	23,711	14,720	5,185	6,929	52,541
Vt	543	36	233	234	4,384	263	238	5,931
Va	2,685	315	1,690	1,819	16,076	2,127	747	25,459
Wash	7,470	209	688	6,679	20,534	5,337	1,688	42,605
W. Va	771	107	739	717	12,126	568	377	15,405
Wis	9,538	566	1,762	2,095	14,891	2,664	3,341	34,857
Wyo	2,101	69	560	46,016	5,885	5,375	2,204	62,210
U.S	361,340	21,008	82,736	597,833	718,177	181,664	300,829	2,263,587

¹ Cropland harvested, crop failure, and cultivated summer fallow.² Grassland and other nonforest pasture and range.³ Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.⁴ Includes urban and transportation areas. Federal and States areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 606.—Land in farms:¹ Irrigated land, by States, 1939–74

State	1939	1944	1949	1954	1959	1964	1969	1974
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
Ala	(2)	(2)	(2)	17	17	12	11	14
Alaska						(2)	1	1
Ariz	575	736	964	1,177	1,152	1,125	1,178	1,153
Ark	159	289	422	858	712	974	1,010	949
Calif	4,277	4,952	6,438	7,048	7,396	7,599	7,240	7,749
Colo	2,468	2,699	2,872	2,263	2,685	2,690	2,895	2,874
Conn	1	(2)	8	12	5	14	9	7
Del	(2)	(2)	(2)	6	16	18	20	20
Fla	126	222	365	428	414	1,217	1,365	1,559
Ga	(2)	(2)	3	24	34	64	79	112
Hawaii	(3)	(3)	117	(3)	141	144	146	142
Idaho	1,895	2,026	2,137	2,325	2,577	2,802	2,761	2,859
Ill	(2)	(2)	2	7	10	14	51	54
Ind	1	1	5	12	17	17	34	33
Iowa	2	1	1	2	18	22	21	39
Kans	83	96	139	332	762	1,004	1,522	2,010
Ky	(2)	(2)	(2)	13	9	14	20	11
La	414	536	577	708	485	581	702	702
Maine	(2)	(2)	2	1	2	4	6	6
Md	(2)	(2)	1	8	11	16	22	23
Mass	2	11	19	23	20	24	19	19
Mich	3	3	14	23	40	49	77	97
Minn	3	(2)	4	9	15	18	36	78
Miss	(2)	(2)	5	132	100	123	150	162
Mo	1	1	2	33	30	59	156	150
Mont	1,588	1,555	1,717	1,891	1,875	1,893	1,841	1,759
Nebr	474	632	876	1,171	2,078	2,169	2,857	3,967
Nev	756	674	727	567	543	825	753	778
N.H	(2)	(2)	1	1	1	3	2	2
N.J	8	12	28	59	74	96	72	89
N. Mex	436	535	655	650	732	813	823	867
N.Y	6	10	19	59	58	79	55	55
N.C	(2)	(2)	2	25	66	97	59	51
N. Dak	20	23	35	38	48	51	63	71
Ohio	5	4	6	15	12	17	22	22
Okla	4	2	34	108	198	302	524	515
Oreg	1,030	1,129	1,307	1,490	1,384	1,608	1,519	1,561
Pa	3	9	7	18	17	23	19	18
R.I	(2)	(2)	2	1	(2)	1	2	2
S.C	(2)	(2)	6	22	25	19	15	10
S. Dak	54	53	78	90	116	130	148	152
Tenn	(2)	(2)	1	23	11	11	12	10
Tex	895	1,320	3,123	4,707	5,656	6,385	6,888	6,594
Utah	911	1,124	1,138	1,073	1,062	1,092	1,025	970
Vt	0	(2)	(2)	1	2	2	(2)	1
Va	1	1	3	22	31	51	37	28
Wash	494	520	589	778	1,007	1,150	1,224	1,309
W. Va	(2)	(2)	(2)	1	1	2	3	2
Wis	2	5	10	18	32	62	106	128
Wyo	1,284	1,354	1,432	1,263	1,470	1,571	1,523	1,460
U.S.	17,983	20,539	25,905	29,552	33,164	37,057	39,122	41,243
P.R	(2)	(3)	(3)	(3)	76	89	91	70
V.I	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Total	17,983	20,539	25,905	29,552	33,240	37,145	39,213	41,313

¹Data may not add because of rounding.²Less than 500 acres.³Not available.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

FOOTNOTES FOR TABLE 608

¹Land and buildings.²Excludes Alaska and Hawaii. Data as of the first day of month specified.

Economics, Statistics, and Cooperatives Service—Economics.

Table 607.—Farm real estate: Value of farmland and buildings by farm production regions, 1964–79¹

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	8,758	11,766	35,496	16,343	12,537	10,328
1965	9,195	12,022	37,431	17,184	13,191	11,019
1966	9,580	12,585	41,384	18,729	14,016	11,513
1967	10,024	13,462	44,860	20,233	14,940	11,989
1968	10,477	14,178	47,091	21,819	15,866	12,571
1969	11,190	15,116	48,983	22,917	16,680	13,531
1970	12,290	15,786	49,504	23,102	17,267	14,452
1971	12,884	16,317	50,462	23,442	18,272	15,513
1972	13,969	17,351	53,342	24,844	19,655	16,822
1973	15,813	20,021	59,552	27,885	22,090	18,794
1974	19,348	24,063	75,062	35,457	26,346	23,894
1975	21,144	27,735	85,827	42,643	27,215	24,967
1976	23,091	32,031	104,693	49,955	30,043	26,103
1977	25,133	39,365	137,854	57,017	32,929	27,948
1978	27,282	44,379	150,666	58,494	35,593	29,940
1979	30,212	51,090	172,627	67,967	41,080	33,320

Year	Delta States	Southern Plains	Mountain	Pacific	48 States
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	7,999	19,894	13,575	21,366	158,062
1965	8,797	21,326	14,073	22,741	166,980
1966	9,736	22,238	15,208	23,673	178,663
1967	10,236	23,346	16,094	23,346	188,529
1968	11,022	25,009	16,954	24,113	199,099
1969	11,786	26,289	17,575	24,504	208,572
1970	12,412	27,552	18,413	24,264	215,042
1971	12,674	28,982	19,729	24,049	222,324
1972	13,754	31,744	21,904	25,271	238,656
1973	15,088	35,896	24,567	26,535	266,241
1974	18,161	43,879	30,803	29,556	326,569
1975	18,373	44,741	33,740	32,745	359,130
1976	19,291	49,086	37,676	34,322	406,291
1977	20,849	52,615	42,071	35,479	471,260
1978	23,475	57,994	44,952	39,128	511,903
1979	27,008	64,570	50,218	45,822	583,914

¹ As of Mar. 1 in 1964–75 and as of Feb. 1 in 1976–79. Data are derived by multiplying average value per acre of farm real estate by the land in farms.

Economics, Statistics, and Cooperatives Service—Economics.

Table 608.—Farm real estate: Index numbers of average value per acre, United States, 1964–79^{1 2}
[1967 = 100]

Date	Index	Date	Index	Date	Index
1964:		1970:		1976:	
Mar	82	Mar	117	Feb	242
Nov	85	Nov	120	Nov	267
1965:		1971:		1977:	
Mar	86	Mar	122	Feb	283
Nov	90	Nov	127	Nov	296
1966:		1972:		1978:	
Mar	93	Mar	132	Feb	308
Nov	98	Nov	141	Nov	332
1967:		1973:		1979:	
Mar	100	Mar	150	Feb	351
Nov	105	Nov	170		
1968:		1974:			
Mar	107	Mar	187		
Nov	111	Nov	204		
1969:		1975:			
Mar	113	Mar	213		
Nov	116	Nov	228		

See footnotes on page 421.

Table 609.—Farm real estate: Index numbers of average value per acre, by States, 1975–79¹
[1967 = 100]

State	1975	1976	1977	1978	1979	State	1975	1976	1977	1978	1979
Ala	233	258	275	288	328	Nev	299	307	307	341	365
Ariz	211	217	227	237	254	N.H. ²	257	278	301	332	365
Ark	191	213	238	261	316	N.J.	340	377	377	387	418
Calif	133	136	137	155	191	N. Mex	197	206	227	236	253
Colo	209	244	285	305	369	N.Y.	275	296	313	318	347
Conn. ²	257	278	301	332	365	N.C.	216	232	246	253	299
Del	242	288	334	374	430	N. Dak	265	310	349	369	413
Fla. ³	224	237	253	273	303	Ohio	208	252	331	373	448
Ga	298	299	322	357	386	Okla	212	234	258	284	312
Idaho	243	264	296	320	349	Oreg	228	242	254	277	302
Ill	209	260	353	390	441	Pa	315	350	422	471	537
Ind	200	244	321	361	415	R.I. ²	257	278	301	332	365
Iowa	234	294	397	413	475	S.C.	273	284	311	319	373
Kans	211	235	267	270	310	S. Dak	214	241	287	336	380
Ky	203	239	281	317	374	Tenn	236	251	275	307	338
La	191	201	218	251	286	Texas	193	213	228	252	282
Maine ²	257	278	301	332	365	Utah	232	261	289	305	326
Md	248	299	316	368	420	Vt. ²	257	278	301	332	365
Mass. ²	257	278	301	332	365	Va	250	278	302	327	386
Mich	184	201	256	287	319	Wash	178	213	249	268	297
Minn	242	294	369	413	483	W. Va	317	398	417	426	498
Miss	204	205	217	249	279	Wis	240	271	322	381	446
Mo	214	241	284	325	364	Wyo	218	254	273	285	322
Mont	237	278	321	355	394						
Nebr	215	271	307	295	360	48 States	213	242	283	308	351

¹ All farmlands with improvements as of Mar. 1; Feb. 1, beginning 1976.

² Based on an average for the six New England States.

³ Value indexed up by the average of the percentage change in Alabama and Georgia index values beginning 1973.

Economics, Statistics, and Cooperatives Service—Economics.

Table 610.—Farm transfers: Estimated number by various methods per 1,000 of all farms, United States, 1964–79¹
[Number per thousand]

Year ²	Voluntary sales	Fore-closures ³	Tax sales	All other sales ⁴	Total	Year ²	Voluntary sales	Fore-closures ³	Tax sales	All other sales ⁴	Total
1964	28.5	1.6	0.4	14.6	45.1	1972 . . .	34.0	1.4	.....	12.5	47.9
1965	30.3	1.4	.4	14.3	46.4	1973 . . .	41.0	1.3	.....	13.5	55.9
1966	31.1	.9	.6	13.7	46.3	1974 . . .	41.2	.9	.....	16.2	58.3
1967	30.9	.8	.2	12.6	44.5	1975 . . .	32.3	1.3	.....	14.2	47.8
1968	30.4	1.1	.2	12.5	44.2	1976 . . .	28.1	1.5	.....	13.1	42.7
1969	30.6	1.0	.3	12.9	44.8	1977 . . .	28.0	1.4	.....	13.6	43.0
1970	27.8	1.6	.....	12.0	41.4	1978 . . .	26.9	2.0	.....	12.8	41.7
1971	28.7	1.4	.....	12.6	42.7	1979 . . .	25.9	1.1	.....	12.6	39.6

¹ Excludes Alaska and Hawaii.

² Years ending Mar. 1 in 1964-75 and Feb. 1 in 1976-79.

³ Includes foreclosures, assignments, bankruptcies, and related defaults.

⁴ Includes inheritances and gifts, administrators' and executors' sales, and miscellaneous or unclassified sales.

Economics, Statistics, and Cooperatives Service—Economics.

Table 611.—Farm transfers: Number per 1,000 of all farms by type and farm production regions, 1970–79

[Number per thousand]

Type of transfer and year ¹	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States ²
Voluntary sales and trades:³											
1970	34.6	38.2	25.6	21.9	20.5	23.5	25.7	28.1	38.1	38.5	27.8
1971	37.4	36.0	24.8	19.2	24.2	30.1	21.9	30.4	33.8	40.5	28.7
1972	35.9	39.5	35.2	26.0	27.9	30.6	23.4	40.9	42.5	48.3	34.0
1973	42.7	42.3	40.7	32.5	35.6	43.3	31.0	46.3	49.3	61.1	41.0
1974	37.9	44.3	43.0	32.1	34.0	32.6	34.2	52.6	53.9	58.9	41.2
1975	33.1	40.3	30.4	22.8	26.4	28.7	29.3	33.6	40.8	58.2	32.3
1976	32.2	33.6	27.3	19.4	26.5	17.0	22.3	32.6	35.9	43.8	28.1
1977	26.1	31.3	29.5	18.7	25.8	25.4	28.0	22.1	32.4	51.6	28.0
1978	33.6	28.0	29.2	18.0	25.2	20.1	20.4	23.7	34.8	44.7	26.9
1979	26.5	26.8	26.7	21.1	22.9	21.0	23.8	21.8	32.3	48.1	25.9
Deliquent taxes:											
1970 .....	.2	.....	.....	.....	.....	.....	.....	.....	.5	.....	.....
1971 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1972 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1973 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1974 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1975 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1976 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1977 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1978 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1979 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foreclosure of mortgages, bankruptcy, etc.:											
1970	1.3	1.8	.5	.5	1.7	.9	.5	.8	1.2	2.4	1.6
1971	2.2	1.5	1.2	1.1	.5	1.2	1.4	.7	2.1	4.4	1.4
1972	1.7	1.5	1.0	1.3	1.1	1.5	2.0	.2	2.0	3.6	1.4
1973	2.1	2.4	.9	.9	.8	.8	1.1	.7	3.2	3.0	1.3
1974 .....	.8	1.0	.6	.5	.6	.3	1.7	.9	1.4	2.6	.9
1975	2.2	.6	.8	.7	.9	1.1	1.3	1.7	2.5	5.3	1.3
1976	1.6	1.6	.6	.5	1.4	.4	3.1	2.4	1.8	4.7	1.5
1977	2.8	1.4	.6	1.0	.5	2.5	2.0	1.6	2.3	3.2	1.4
1978	2.0	3.3	1.4	1.7	1.2	2.1	2.0	2.2	2.3	4.3	2.0
1979	1.2	1.5	.6	1.2	1.2	1.0	1.4	1.0	1.6	1.9	1.1
Inheritances and gifts:											
1970	2.4	3.5	4.5	3.9	5.1	5.6	6.4	4.5	2.8	4.4	4.4
1971	4.3	2.1	4.9	4.2	4.7	7.2	4.9	5.5	4.0	4.3	4.7
1972	1.7	2.1	4.6	4.7	6.2	4.7	5.0	5.9	3.1	4.9	4.4
1973	3.2	2.0	4.5	4.4	5.2	4.5	4.4	4.9	2.2	4.4	4.2
1974	6.2	2.1	5.3	6.0	6.5	6.5	7.6	10.9	3.1	3.7	6.0
1975	5.8	2.6	4.6	3.4	7.2	4.1	5.2	11.0	2.7	3.6	5.4
1976	5.9	2.3	4.7	3.8	6.9	6.5	5.5	11.2	3.5	3.8	5.6
1977	3.8	3.4	6.6	5.0	6.2	7.5	9.9	7.2	5.4	3.6	6.0
1978	4.0	2.1	6.2	4.1	7.9	7.1	5.1	6.5	3.2	3.6	5.4
1979	4.0	1.8	5.0	4.1	7.5	7.7	5.3	5.4	3.4	3.6	5.0
Administrators' and executors' sales:⁴											
1970	6.3	4.5	7.2	7.4	8.1	7.5	4.1	6.6	5.2	4.3	6.5
1971	6.1	5.7	7.3	8.1	6.5	7.5	6.2	6.6	3.9	5.0	6.6
1972	4.8	5.3	9.2	8.9	8.2	4.5	3.4	7.6	5.7	4.5	6.8
1973	7.5	6.2	10.0	8.3	10.0	6.7	8.1	8.0	3.9	4.5	8.1
1974	6.2	5.3	9.4	9.2	9.2	8.6	11.2	8.0	4.9	7.2	8.3
1975	7.4	7.1	7.6	6.7	7.4	5.3	9.8	8.0	5.1	4.6	7.2
1976	5.3	4.7	8.2	6.5	6.8	5.7	5.4	6.6	4.5	3.8	6.3
1977	6.6	4.4	7.7	7.1	7.6	5.6	9.7	4.6	4.7	4.8	6.5
1978	6.2	4.2	7.0	7.7	8.7	6.8	3.6	5.2	3.3	5.3	6.3
1979	7.6	5.4	7.2	7.0	8.6	7.1	5.6	4.5	3.2	4.9	6.5
Total, all classes⁵											
1970	45.4	49.1	38.6	34.9	36.5	39.9	37.4	40.6	48.2	49.9	41.4
1971	54.1	46.5	39.2	33.9	36.9	47.7	34.6	43.5	45.2	55.5	42.7
1972	45.7	50.5	51.3	42.1	44.5	43.2	34.8	55.9	55.1	61.9	47.9
1973	57.7	54.3	57.2	46.9	52.8	56.0	45.8	60.7	60.3	75.1	55.9
1974	53.2	54.9	60.4	49.2	51.6	48.9	56.8	76.2	64.1	74.1	58.3
1975	49.7	52.1	44.5	34.2	43.6	40.1	47.3	58.6	53.2	72.9	47.8
1976	46.5	42.9	42.1	31.1	42.6	30.0	37.0	55.4	47.1	57.7	42.7
1977	41.8	41.9	45.4	32.7	41.2	41.7	50.0	36.2	47.1	64.8	43.0
1978	47.0	38.7	44.4	32.5	44.1	36.6	32.7	38.9	44.7	60.5	41.7
1979	40.8	36.0	40.4	34.9	42.1	37.4	37.3	32.8	41.9	60.5	39.6

¹Years ending Mar. 1 in 1970–75 and Feb. 1 in 1976–79. ²Excludes Alaska and Hawaii. ³Includes contracts to purchase, but not options. ⁴Includes all other sales in settlement of estates. ⁵Includes miscellaneous and unclassified.

Table 612.—Farm assets and claims: Comparative balance sheet of the farming sector, United States, Jan. 1, 1964–79

Item	1964	1965	1966	1967	1968	1969	1970	1971
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
ASSETS								
Physical assets:								
Real estate	158.6	167.5	179.2	189.1	199.7	209.2	215.8	223.2
Non-real-estate:								
Livestock ¹	15.9	14.5	17.6	19.0	18.9	20.2	23.5	23.7
Machinery and motor vehicles	23.9	24.8	26.0	27.4	29.8	31.3	32.3	34.4
Crops stored on and off farms ²	9.8	9.2	9.7	10.0	9.6	10.6	10.9	10.7
Household furnishings and equipment	8.8	8.4	8.4	8.3	8.8	9.4	9.6	10.0
Financial assets:								
Deposits and currency	9.2	9.6	10.0	10.3	10.9	11.5	11.9	12.4
United States savings bonds	4.2	4.2	4.0	3.9	3.8	3.8	3.7	3.6
Investments in cooperatives	5.4	5.6	5.9	6.2	6.5	6.8	7.2	8.0
Total ³	235.8	243.8	260.8	274.2	288.0	302.8	314.9	326.0
CLAIMS								
Liabilities:								
Real-estate debt	16.8	18.9	21.2	23.1	25.1	27.4	29.2	30.3
Non-real-estate debt to—								
Commodity Credit Corporation ⁴	1.9	1.6	1.4	1.2	1.4	2.7	2.7	1.9
Other reporting institutions ⁵	9.5	10.0	11.1	12.4	13.8	14.6	15.8	17.4
Nonreporting creditors ⁶	6.2	6.3	7.0	7.4	7.1	5.8	5.3	4.9
Total liabilities ³	34.4	36.8	40.7	44.1	47.4	50.5	53.0	54.5
Proprietors' equities	201.4	207.0	220.1	230.1	240.6	252.3	261.9	271.5
Total ³	235.8	243.8	260.8	274.2	288.0	302.8	314.9	326.0
Item	1972	1973	1974	1975	1976	1977	1978	1979 ⁷
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
ASSETS								
Physical assets:								
Real estate	239.6	267.3	327.7	368.5	416.9	483.8	525.8	599.5
Non-real-estate:								
Livestock ¹	27.3	34.1	42.4	24.6	29.5	29.0	32.0	51.3
Machinery and motor vehicles	36.6	39.3	44.2	55.7	65.0	71.9	77.7	84.3
Crops stored on and off farms ²	11.8	14.5	22.1	23.3	21.3	22.0	24.9	27.4
Household furnishings and equipment	10.8	11.9	12.3	14.0	14.2	14.4	16.4	19.2
Financial assets:								
Deposits and currency	13.2	14.0	14.9	15.1	15.6	16.0	16.3	16.8
United States savings bonds	3.7	4.0	4.1	4.3	4.4	4.4	4.4	4.8
Investments in cooperatives	8.8	9.7	10.8	12.1	13.3	14.2	15.5	16.9
Total ³	351.8	394.8	478.5	517.6	580.2	655.7	713.0	820.2
CLAIMS								
Liabilities:								
Real-estate debt	32.2	35.7	41.3	46.3	51.1	56.6	63.7	72.4
Non-real-estate debt to—								
Commodity Credit Corporation ⁴	2.3	1.8	.7	.3	.3	1.0	4.5	5.2
Other reporting institutions ⁵	19.6	22.0	26.2	29.2	33.1	37.8	42.7	49.5
Nonreporting creditors ⁶	5.0	5.8	5.9	6.0	6.3	7.3	8.4	10.4
Total liabilities ³	59.1	65.3	74.1	81.8	90.8	102.7	119.3	137.5
Proprietors' equities	292.7	327.5	404.4	435.8	489.4	553.0	593.7	682.7
Total ³	351.8	394.8	478.5	517.6	580.2	655.7	713.0	820.2

¹ Horses and mules are excluded.² Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.³ Total of rounded data.⁴ Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.⁵ Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.⁶ Loans and credits extended by dealers, merchants, finance companies, individuals, and others.⁷ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 613.—Production assets: Total used in agriculture, United States, Jan. 1, 1964–79

Year	Total ¹	Average		Year	Total ¹	Average	
		Per farm worker	Per farm			Per farm worker	Per farm
	<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	185.6	53,688	28,475	1972	286.7	100,257	64,391
1965	193.1	57,552	31,606	1973	322.7	114,304	73,520
1966	208.9	64,130	37,225	1974	394.5	141,161	90,659
1967	221.1	69,977	42,429	1975	425.4	153,723	96,562
1968	233.4	75,994	47,590	1976	483.2	176,461	110,890
1969	245.3	77,144	51,646	1977	549.9	203,205	125,285
1970	256.3	86,904	55,822	1978	596.1	223,076	143,043
1971	265.5	91,488	58,686	1979 ²	682.3	258,824	172,637

¹Includes farm real estate less value of operators' dwellings; livestock; machinery; motor vehicles less about 75 percent of the value of automobiles and about 26 percent of the value of farm trucks; one-half of the Jan. 1 inventory value of feed crops (excluding those under CCC loan), hay, and forage stored on farms; and working capital needed to meet farm production expenses.

²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 614.—Livestock: Number and value, United States, Jan. 1, 1977–79

Class of livestock and poultry	Number			Value					
				Per head ²			Total		
	1977	1978	1979 ¹	1977	1978	1979 ¹	1977	1978	1979 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle	122,810	116,375	110,864	206.00	232.00	403.00	25,251,635	27,055,060	44,661,338
Hogs ³	54,934	56,539	59,860	47.00	63.20	83.30	2,582,568	3,575,279	4,986,498
Sheep and lambs	12,766	12,348	12,224	42.40	51.50	71.70	541,458	636,088	876,240
Total ⁴ .....	.....	.....	.....	.....	.....	.....	28,375,661	31,266,427	50,524,076
Chickens ³	378,238	386,429	394,505	1.70	1.69	1.75	643,511	652,308	691,327
Turkey breeder hens ^{3,5}	3,069	3,038	3,383	11.12	11.32	12.53	34,119	34,390	42,403
Total ⁶ .....	.....	.....	.....	.....	.....	.....	29,053,291	31,953,125	51,257,806

¹Preliminary.

²Based on reporters' estimates of average price per head in their localities.

³Dec. 1 of preceding year.

⁴Includes cattle, hogs, and sheep and lambs.

⁵Selected States.

⁶Includes all cattle, hogs, sheep and lambs, and chickens plus turkey breeder hens in 26 major States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 615.—Farm machinery: Number of specified kinds on farms, and tractor horsepower, Jan. 1, United States, 1964–78

Year	Tractors (exclusive of steam and garden)			Tractor horsepower	Motor-trucks	Grain combines ¹	Corn pickers and picker shellers ²	Pickup balers ³	Field forage harvesters ⁴
	Total	Wheel	Crawler						
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Millions</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964 ..	4,786	4,598	188	172	2,970	920	705	734	312
1965 ..	4,787	4,601	186	176	3,030	910	690	751	316
1966 ..	4,783	4,594	189	182	3,017	888	686	752	316
1967 ..	4,786	4,593	193	189	3,009	867	680	748	319
1968 ..	4,766	4,570	196	195	3,016	847	673	739	321
1969 ..	4,712	4,513	199	199	3,004	820	657	725	314
1970 ..	4,619	4,416	203	203	2,984	790	635	708	304
1971 ..	4,584	4,391	193	206	2,994	760	630	700	300
1972 ..	4,549	4,366	183	209	3,003	725	625	692	298
1973 ..	4,518	4,345	173	212	3,013	701	621	684	292
1974 ..	4,493	4,329	164	219	3,023	698	618	674	295
1975 ..	4,469	4,311	158	222	3,032	524	615	667	255
1976 ..	4,434	4,281	153	228	3,043	527	610	641	263
1977 ..	4,402	4,260	142	232	3,044	535	605	615	270
1978 ⁵ ..	4,370	4,230	140	238	3,045	538	602	610	272

¹Data for 1975 and thereafter are for self-propelled combines only.²Includes cornheads for combines.³Does not include large balers that produce over 200-pound bales.⁴Data for 1975 and thereafter do not include flail-type forage harvesters.⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

FOOTNOTES FOR TABLE 618

¹Total population includes Armed Forces overseas.²Farm population is defined as all persons living on places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and places of under 10 acres if at least \$250 worth of agricultural products were sold. For 1978, when farm population is defined as all persons living on places with \$1,000 or more of agricultural sales in the reporting year, the farm total is 6,501,000 people. The percentage of total is 3.0.

Economics, Statistics, and Cooperative Service. Economics and the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 619

¹Annual average is the straight average of the four quarters during the year. Quarterly multiple frame surveys cover the week of the twelfth of January, April, July, and October.²Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.³Includes all persons doing farm work for pay during the survey week.⁴Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 616.—Farm machines, selected types: Units manufactured in the United States, 1964–77

Year	Tractor moldboard plows	One-way disk plows or tillers	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators ¹	Power sprayers and dusters	Crop driers (heated air)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1964	91,988	2,453	12,550	21,178	46,243	73,022	4,790
1965	88,914	3,645	9,732	27,418	52,012	72,545	12,381
1966	109,784	2,332	13,353	30,050	58,878	71,099	14,904
1967	95,936	2,565	17,777	29,088	61,724	65,691	15,277
1968	62,701	1,136	18,568	23,108	53,171	64,705	20,310
1969	39,951	1,186	20,141	22,962	23,146	44,627	8,156
1970	37,894	961	14,946	16,986	25,857	39,298	7,153
1971	34,519	1,016	13,231	14,439	20,451	36,718	13,245
1972	44,914	1,137	18,296	16,766	19,180	37,649	16,997
1973	59,636	1,315	23,817	19,387	36,133	63,359	23,364
1974	60,543	1,066	29,466	25,615	41,450	81,039	34,781
1975	56,659	357	35,898	30,178	48,404	61,835	30,808
1976	52,711	317	38,199	31,942	40,299	55,593	29,904
1977	46,464	278	28,742	25,573	31,130	55,031	38,766

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Corn pickers (field)	Corn picking units (combine attachments) ²	Cotton strippers
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1964	42,297	50,975	25,510	37,705	18,495	18,237	2,561
1965	41,150	55,590	30,568	38,442	13,355	20,723	1,997
1966	43,005	49,212	29,801	46,728	13,232	25,576	1,750
1967	32,467	40,623	34,103	42,003	13,560	22,829	1,138
1968	20,266	33,384	23,646	31,443	13,797	18,616	878
1969	17,002	30,939	21,551	24,015	8,976	16,828	1,846
1970	16,476	30,476	21,190	21,017	6,818	15,855	766
1971	15,863	23,050	18,920	21,229	7,579	20,230	1,483
1972	14,126	27,989	20,248	21,172	7,577	20,642	2,266
1973	19,436	32,656	26,890	25,241	7,937	24,985	2,591
1974	21,010	41,890	25,304	28,644	6,390	29,228	2,612
1975	22,591	49,118	22,792	31,259	4,536	26,741	1,361
1976	21,896	50,151	22,627	31,712	4,404	25,087	1,127
1977	20,328	42,621	18,602	31,971	(³)	27,441	1,676

Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo ³ unloaders	Milking machines ⁴	Mower-conditioners (combination)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1964	2,417	748	30,099	12,387	14,760	23,392	(⁵)
1965	1,933	1,088	34,301	9,687	15,284	23,483	(⁵)
1966	1,995	1,785	37,410	10,773	24,569	20,804	(⁵)
1967	1,841	1,699	39,072	7,875	21,568	16,503	15,468
1968	1,780	737	35,867	5,818	24,897	13,822	14,532
1969	1,760	1,195	39,653	5,585	18,632	13,904	21,110
1970	1,877	1,118	35,461	5,434	19,185	12,141	24,549
1971	2,291	751	29,394	5,377	19,351	12,175	25,455
1972	2,218	628	28,961	5,091	20,908	14,043	21,204
1973	2,236	746	30,615	8,653	27,424	14,826	29,881
1974	2,131	1,183	38,004	7,386	27,822	16,252	37,258
1975	2,647	1,273	29,977	9,080	20,288	10,976	35,539
1976	1,919	1,328	26,239	4,871	21,556	9,303	32,940
1977	1,809	1,006	24,598	6,232	23,094	11,087	28,136

¹ Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.² Data for "corn pickers" are included with "corn picking units" for 1977.³ Beginning 1969, horizontal silo unloaders not included.⁴ Includes only the number of vacuum-pump units for stationary and portable milking machines.⁵ Not available.

Science and Education Administration. Compiled from reports of the U.S. Department of Commerce.

Table 617.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1964–1977

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	2,261,001	87,945	127,916	129,241	65,188	439,391	134,815	47,774
1965	2,618,442	95,597	133,467	140,098	70,641	504,824	145,951	59,450
1966	3,024,463	108,919	158,480	160,987	84,315	480,006	169,061	75,471
1967	3,190,300	111,540	179,625	169,001	89,443	597,531	155,647	97,567
1968	3,062,067	88,872	175,713	146,781	82,372	594,428	136,855	100,415
1969	2,918,300	73,846	158,111	155,005	55,500	523,751	135,753	83,974
1970	2,875,604	76,164	153,354	161,053	62,425	479,118	151,778	85,360
1971	2,996,944	75,974	148,565	156,538	59,629	540,532	147,158	94,219
1972	3,681,826	98,810	188,505	196,517	76,920	643,869	190,239	110,899
1973	4,455,022	130,635	249,018	244,528	104,196	832,482	256,596	171,860
1974	5,959,092	182,301	394,993	354,436	162,786	1,093,207	407,652	254,921
1975	7,046,354	250,134	476,274	480,273	227,440	1,253,430	481,334	262,379
1976	7,525,216	266,660	478,322	516,847	224,013	1,435,307	508,250	233,656
1977	7,773,546	235,001	412,854	533,285	204,260	1,578,517	470,326	241,054

Year	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and barnyard equipment
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	973,995	50,757	47,524	29,720	25,687	40,771	12,556	47,721
1965	1,186,733	51,377	50,938	36,953	30,944	44,802	12,715	53,952
1966	1,445,017	67,822	55,260	43,022	30,426	61,419	19,155	65,103
1967	1,437,317	70,794	55,809	41,566	34,170	62,875	19,802	67,613
1968	1,407,706	67,206	53,484	40,097	33,123	47,004	21,023	66,988
1969	1,369,232	73,624	57,074	31,949	39,181	63,937	22,966	74,397
1970	1,322,642	68,609	52,258	34,792	41,555	72,708	30,983	82,705
1971	1,395,359	77,116	54,624	38,803	44,571	57,365	17,738	88,753
1972	1,700,407	103,793	61,049	51,979	60,543	62,859	25,990	109,447
1973	1,830,337	144,848	99,791	69,258	67,157	72,374	37,382	144,560
1974	2,321,889	186,204	139,287	91,952	80,309	76,154	45,480	167,521
1975	2,867,473	178,577	155,752	100,404	68,037	70,023	37,574	137,250
1976	3,044,640	173,130	158,848	87,611	77,087	100,472	59,793	160,580
1977	3,220,659	152,319	175,388	98,570	91,283	125,946	51,974	182,110

Science and Education Administration. Compiled from reports of the U.S. Department of Commerce.

Table 618.—Population: Total and farm, United States, April 1964–78¹

Year	Total population ¹	Farm population		Year	Total population ¹	Farm population	
		Number	Percent-age of total			Number	Percent-age of total
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Percent</i>		<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Percent</i>
1964	191,245	12,954	6.8	1972	208,447	9,610	4.6
1965	193,709	12,363	6.4	1973	210,034	9,472	4.5
1966	195,999	11,595	5.9	1974	211,522	9,264	4.4
1967	198,206	10,875	5.5	1975	213,056	8,864	4.2
1968	200,208	10,454	5.3	1976	214,762	8,253	3.8
1969	202,161	10,307	5.1	1977	216,436	7,806	3.6
1970	204,335	9,712	4.8	1978	218,131	² 8,005	3.7
1971	206,567	9,425	4.6				

See footnotes on page 427.

Table 619.—Farm employment: Number of persons employed, by states, 1976-78¹

State	Total employment			Family workers ²			Hired workers ³		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
Region I ⁴	<i>1,000 persons</i> 80	<i>1,000 persons</i> 80	<i>1,000 persons</i> 78	<i>1,000 persons</i> 46	<i>1,000 persons</i> 44	<i>1,000 persons</i> 43	<i>1,000 persons</i> 34	<i>1,000 persons</i> 36	<i>1,000 persons</i> 35
N.J.	22	23	23	10	11	12	12	12	11
N.Y.	114	105	99	82	71	65	32	34	34
Region II	136	128	122	92	82	77	44	46	45
Del.	6.4	5.9	5.2	4.0	3.6	2.9	2.4	2.3	2.3
Md.	34	32	29	21	20	17	13	12	12
Pa.	130	134	119	93	100	89	37	34	30
Va.	89	73	83	57	51	59	32	22	24
W. Va.	40.8	41.7	32	35	38	27	5.8	3.7	5.0
Region III	300.2	286.6	268.2	210	212.6	194.9	90.2	74.0	73.3
Ala.	94	86	75	69	63	51	25	23	24
Fla.	92	90	96	31	30	31	61	60	65
Ga.	95	83	81	60	50	47	35	33	34
Ky.	144	137	131	114	108	98	30	29	33
Miss.	96	88	77	62	55	49	34	33	28
N.C.	188	164	145	110	92	85	78	72	60
S.C.	58	56	54	34	34	33	24	22	21
Tenn.	143	131	116	121	107	94	22	24	22
Region IV	910	835	775	601	539	488	309	296	287
Ill.	165	172	158	127	133	123	38	39	35
Ind.	127	121	109	98	93	82	29	28	27
Mich.	112	102	96	83	77	70	29	25	26
Minn.	217	199	195	175	164	158	42	35	37
Ohio	162	162	153	130	136	122	32	26	31
Wis.	198	199	186	152	153	138	46	46	48
Region V	981	955	897	765	756	693	216	199	204
Ark.	96	92	84	68	63	56	28	29	28
La.	68	57	54	44	37	34	24	20	20
N. Mex.	24.8	24.8	24	17	17	16	7.8	7.8	8.0
Okla.	104	96	99	85	75	83	19	21	16
Tex.	250	249	237	167	166	155	83	83	82
Region VI	542.8	518.8	498	381	358	344	161.8	160.8	154
Iowa	224	213	216	181	171	177	43	42	39
Kans.	100	98	92	78	76	74	22	22	18
Mo.	196	173	157	169	153	130	27	20	27
Nebr.	117	108	110	97	87	88	20	21	22
Region VII	637	592	575	525	487	469	112	105	106
Colo.	55	54	51	39	36	33	16	18	18
Mont.	33.3	31.7	32.8	24	24	25	9.3	7.7	7.8
N. Dak.	59	64.3	65.3	49	56	56	10	8.3	9.3
S. Dak.	66	70	63	55	60	53	11	10	10
Utah	22.8	23.3	24.5	16	17	18	6.8	6.3	6.5
Wyo.	15.8	13.8	14	9.8	8.5	8.9	6.0	5.3	5.1
Region VIII	251.9	257.1	250.6	192.8	201.5	193.9	59.1	55.6	56.7
Ariz.	21.6	25.3	30.9	7.6	9.3	13.9	14	16	17
Calif.	308	287	247.5	72	69	60.5	236	218	187
Nev.	5.4	4.7	5.1	2.8	2.2	2.4	2.6	2.5	2.7
Region IX	335.0	317.0	283.5	82.4	80.5	76.8	252.6	236.5	206.7
Idaho	51	45	47.5	27	25	26.5	24	20	21
Oreg.	60	64	65.5	37	35	36.5	23	29	29
Wash.	89	76	76.3	38	38	38.3	51	38	38
Region X	200	185	189.3	102	98	101.3	98	87	88
U.S.	4,373.9	4,154.5	3,936.6	2,997.2	2,858.6	2,680.9	1,376.7	1,295.9	1,255.7

See footnotes on page 427.

Table 620.—Farm employment: Average number of persons employed and indexes, United States, 1964-78¹

Year	Total employment			Family workers ²			Hired workers ³		
	Average number of persons	Index 1910-14 = 100 ⁴	Index 1967 = 100 ⁴	Average number of persons	Index 1910-14 = 100 ⁴	Index 1967 = 100 ⁴	Average number of persons	Index 1910-14 = 100 ⁴	Index 1967 = 100 ⁴
	<i>1,000 persons</i>			<i>1,000 persons</i>			<i>1,000 persons</i>		
1964	6,110	45	125	4,506	44	123	1,604	47	128
1965	5,610	41	114	4,128	41	113	1,482	44	118
1966	5,214	38	106	3,854	38	106	1,360	40	109
1967	4,903	36	100	3,650	36	100	1,253	37	100
1968	4,748.8	35	97	3,535.4	35	97	1,213.4	36	97
1969	4,595.8	34	94	3,419.4	34	94	1,176.4	35	94
1970	4,522.6	33	92	3,348.1	33	92	1,174.5	35	94
1971	4,436.3	33	90	3,275.1	32	90	1,161.2	34	93
1972	4,373.4	32	89	3,227.7	32	88	1,145.7	34	91
1973	4,336.7	32	88	3,169.0	31	87	1,167.7	34	93
1974	4,388.9	32	90	3,074.7	30	84	1,314.2	39	105
1975	4,342.1	32	89	3,025.5	30	83	1,316.6	39	105
1976	4,373.9	32	89	2,997.2	29	82	1,376.7	41	110
1977	4,154.5	31	85	2,858.6	28	78	1,295.9	38	103
1978	3,936.6	29	80	2,680.9	26	73	1,255.7	37	100

¹Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. Beginning 1974, annual average is the straight average of the four quarters during the year.

²Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

³Includes all persons doing farm work for pay during the survey week.

⁴The 1910-14 base is the arithmetic mean of the annual average of number of persons employed for these five years. The base for 1967 is the annual average number of persons employed.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 621.—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1964-77¹

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1964	3,370	2,398	972	2,001	156	129	1,213	933
1965	3,128	2,205	923	1,864	165	137	1,316	1,045
1966	2,763	2,051	712	1,634	171	138	1,605	1,188
1967	3,078	2,261	817	1,740	172	142	1,761	1,389
1968	2,919	2,111	808	1,620	162	135	1,793	1,434
1969	2,571	1,907	665	1,466	163	131	1,886	1,406
1970	2,488	1,889	599	1,394	170	137	2,044	1,519
1971	2,550	1,944	606	1,359	168	135	2,150	1,576
1972	2,809	2,169	641	1,679	176	141	2,491	1,877
1973	2,671	2,115	555	1,585	188	154	2,942	2,303
1974	2,737	2,165	572	1,568	178	145	3,051	2,433
1975	2,638	2,036	602	1,458	179	146	3,274	2,584
1976	2,767	2,086	681	1,622	174	139	3,516	2,714
1977	2,730	2,092	638	1,675	182	146	3,973	3,018

¹Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at sometime during the year. This series differs from the hired workers series shown in table 620 which gives an annual average of quarterly estimates of jobs on farms.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

Table 622.—Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1964–77¹

Year	All migratory farm workers			Migratory workers with 25 days or more of hired farm work				
	Total	Male	Female	Number of workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1964	386	280	107	272	155	120	1,581	1,083
1965	466	334	132	300	149	122	1,474	1,192
1966	351	249	104	275	160	121	1,779	1,307
1967	276	204	71	194	145	117	1,555	1,266
1968	279	205	74	176	148	120	1,711	1,385
1969	257	201	55	172	152	113	1,937	1,293
1970	196	161	35	135	148	123	2,007	1,697
1971	172	142	30	117	142	111	1,830	1,407
1972	184	133	51	138	158	124	2,434	1,814
1973	203	170	34	146	177	138	2,873	2,276
1974	209	179	30	141	149	111	3,102	2,423
1975	188	143	45	143	170	122	3,522	2,586
1976	213	153	60	147	166	114	3,709	2,551
1977	191	152	38	152	165	120	3,832	2,785

¹ Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did migratory farm work at sometime during the year. Migratory workers are those who leave their homes temporarily to do farm work in another county or State. Does not include foreign nationals brought into the United States to do farm work who have left the country before the time of the survey.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

Table 623.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1964–77¹

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
	<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>
1964	1,371	147	1,035	1971	929	156	1,843
1965	1,284	155	1,208	1972	1,109	161	2,182
1966	1,067	159	1,374	1973	1,072	175	2,645
1967	1,213	204	1,992	1974	1,073	166	2,814
1968	1,105	154	1,659	1975	972	177	3,082
1969	989	149	1,629	1976	1,068	160	3,176
1970	925	157	1,685	1977	1,133	170	3,592

¹ Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at sometime during the year. This series differs from the hired workers series shown in table 620 which gives an annual average of quarterly estimates of jobs on farms.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

Table 624.—Farm wage rates: Equivalent hourly rates¹ by method of pay and wage index, United States, 1974-78

Year	All hired farm workers	Method of pay					All hired farm workers wage index (1967 = 100)
		By piece rate	By other than piece rate	By hour only	By cash wages only ²	By hour receiving cash wages only ³	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1974	2.25	2.58	2.21	2.23	2.43	2.32	173
1975	2.43	2.96	2.38	2.39	2.60	2.45	190
1976	2.66	3.14	2.61	2.60	2.81	2.65	208
1977	2.87	3.48	2.82	2.84	3.06	2.90	225
1978	3.07	3.76	3.02	3.06	3.22	3.10	240

¹ Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in all categories, except where footnoted otherwise, in addition to wage rates shown.

² Includes all workers not receiving perquisites.

³ Includes all hourly workers not receiving perquisites.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 625.—Farm wage rates: Equivalent hourly rates¹ by type of work, United States, 1974-78

Year	Type of work performed					
	Field and livestock workers ²	Packinghouse workers ³	Machine operators	Maintenance and bookkeeping workers	Supervisors	Other agricultural workers
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1974	2.08	2.41	2.25	2.85	3.77	2.40
1975	2.26	2.52	2.50	3.15	4.00	2.76
1976	2.47	2.80	2.72	3.45	4.39	3.11
1977	2.65	2.97	2.92	(⁴)	4.63	3.37
1978	2.84	3.18	3.11	(⁴)	4.91	3.56

¹ Rates are annual averages of quarterly wage rates weighted by numbers of hours worked.

² The 1978 annual average for field workers is \$2.92 and livestock workers average is \$2.68. Separate estimates for field workers and livestock workers are not available prior to 1978.

³ Packinghouse operations performed on farms.

⁴ Included in "Other agricultural workers."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 626

¹ Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.

² Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 626.—Farm wage rates: Equivalent hourly rates,¹ by States, standard Federal regions, and United States, 1976-78

State and region	Field and livestock workers			Workers paid by hour receiving cash wages only			All hired farm workers		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
Region I ²	<i>Dollars</i> 2.33	<i>Dollars</i> 2.38	<i>Dollars</i> 2.47	<i>Dollars</i> 2.67	<i>Dollars</i> 2.70	<i>Dollars</i> 2.79	<i>Dollars</i> 2.59	<i>Dollars</i> 2.65	<i>Dollars</i> 2.75
N.J.	2.53	2.64	2.92	2.62	2.87	3.11	2.69	2.83	3.13
N.Y.	2.26	2.36	2.56	2.52	2.68	2.97	2.45	2.55	2.80
Region II	2.33	2.43	2.63	2.55	2.73	3.01	2.52	2.61	2.87
Del.	2.46	2.62	2.86	2.60	2.88	3.02	2.64	2.77	3.25
Md.	2.10	2.42	2.60	2.72	3.00	3.35	2.42	2.76	2.91
Pa.	2.28	2.46	2.57	2.76	2.96	3.04	2.53	2.70	2.83
Va.	2.18	2.25	2.46	2.43	2.49	2.84	2.39	2.41	2.59
W. Va.	1.98	2.03	2.24	2.23	2.21	2.61	2.24	2.19	2.45
Region III	2.20	2.38	2.53	2.62	2.81	3.03	2.45	2.61	2.77
Ala.	2.15	2.26	2.50	2.37	2.40	2.98	2.45	2.56	2.79
Fla.	2.75	2.96	3.22	2.73	2.87	3.19	3.05	3.23	3.52
Ga.	2.10	2.32	2.43	2.42	2.44	2.87	2.28	2.46	2.70
Ky.	2.15	2.36	2.64	2.18	2.46	2.70	2.29	2.45	2.79
Miss.	1.98	2.33	2.60	2.24	2.52	2.75	2.32	2.54	2.81
N.C.	2.18	2.30	2.52	2.20	2.42	2.77	2.25	2.47	2.61
S.C.	2.04	2.24	2.37	2.20	2.34	2.54	2.25	2.43	2.60
Tenn.	2.14	2.48	2.58	2.31	2.53	2.59	2.23	2.61	2.72
Region IV	2.25	2.48	2.71	2.37	2.57	2.88	2.43	2.68	2.92
Ill.	2.37	2.66	2.93	2.76	2.90	3.32	2.56	2.86	3.17
Ind.	2.37	2.53	2.71	2.75	2.72	3.46	2.75	2.72	3.06
Mich.	2.32	2.53	2.80	2.56	2.99	3.14	2.54	2.84	3.07
Minn.	2.41	2.37	2.68	2.94	3.04	3.29	2.68	2.72	2.97
Ohio	2.50	2.44	2.67	2.68	2.69	3.18	2.68	2.71	2.94
Wis.	2.20	2.24	2.26	2.56	2.78	3.04	2.45	2.44	2.50
Region V	2.35	2.43	2.61	2.70	2.84	3.19	2.60	2.69	2.90
Ark.	2.21	2.50	2.69	2.31	2.60	2.78	2.44	2.65	2.91
La.	2.14	2.48	2.74	2.40	2.66	2.82	2.40	2.73	2.88
N. Mex.	2.07	2.14	2.37	2.32	2.24	2.68	2.31	2.28	2.57
Okla.	2.21	2.45	2.89	2.40	2.77	3.15	2.36	2.69	3.09
Tex.	2.23	2.34	2.56	2.30	2.66	2.65	2.42	2.62	2.73
Region VI	2.20	2.37	2.61	2.33	2.64	2.73	2.41	2.63	2.80
Iowa	2.54	2.61	2.81	2.66	2.84	3.09	2.64	2.82	3.03
Kans.	2.80	2.90	2.95	2.71	2.96	3.25	2.92	3.05	3.39
Mo.	2.38	2.48	2.69	2.58	2.56	2.89	2.48	2.59	2.87
Nebr.	2.41	2.56	2.69	2.69	2.77	3.02	2.54	2.72	2.89
Region VII	2.54	2.62	2.76	2.65	2.79	3.04	2.64	2.81	3.02
Colo.	2.58	2.66	2.84	2.64	2.71	2.86	2.79	2.83	3.11
Mont.	2.16	2.21	2.42	2.68	2.88	3.05	2.28	2.26	2.49
N. Dak.	2.70	2.93	3.10	3.29	3.34	3.85	2.99	3.08	3.41
S. Dak.	2.16	2.19	2.31	2.26	2.66	2.69	2.25	2.35	2.48
Utah	2.21	2.53	2.55	2.35	2.76	2.95	2.38	2.66	2.75
Wyo.	1.97	2.12	2.35	2.74	3.03	3.49	2.14	2.41	2.74
Region VIII	2.28	2.46	2.61	2.60	2.85	3.11	2.53	2.64	2.89
Ariz.	2.39	2.65	3.11	2.74	2.69	3.30	2.66	2.93	3.39
Calif.	3.00	3.26	3.47	3.02	3.33	3.40	3.20	3.53	3.77
Nev.	2.18	2.18	2.38	2.70	2.96	3.27	2.36	2.37	2.55
Region IX	2.97	3.21	3.42	3.01	3.30	3.39	3.16	3.47	3.71
Idaho	2.74	2.77	3.00	2.77	2.88	3.05	2.87	2.90	3.18
Oreg.	2.50	2.63	2.81	2.82	2.93	3.21	2.83	2.85	3.11
Wash.	3.05	3.32	3.48	2.95	3.21	3.49	3.16	3.48	3.70
Region X	2.86	2.96	3.14	2.87	3.03	3.29	3.01	3.13	3.38
U.S.	2.47	2.65	2.84	2.65	2.90	3.10	2.66	2.87	3.07

See footnotes on page 433.

Table 627.—Crops: Area, yield, production, and value, United States, 1976-78¹

Crop	Area harvested		Yield per harvested acre				Production			Value of production		
	1976	1977	1978 ²	Unit	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977
	1,000 acres	1,000 acres	1,000 acres					Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars
Corn for grain	71,300	70,872	69,970	Bushel	87.9	90.7	101.2	6,266,359	6,425,457	7,081,849	13,471,796	12,944,467
Corn for forage	886	604	460	Ton	10.4	12.5	13.5	117,813	116,708	116,048	5,851,443	4,742,686
Corn for silage	30,771	36,461	36,839	Bushel	30.3	30.6	31.6	2,142,362	2,198,318	1,798,712	5,851,443	5,280,467
Wheat, all	49,460	48,664	48,909	do	31.5	31.6	32.1	1,559,923	1,537,111	1,248,272	4,253,226	3,728,187
Winter	4,584	3,025	4,024	do	29.4	26.4	33.1	134,914	79,964	133,328	398,856	350,357
Other spring	16,727	14,772	13,906	do	28.8	28.4	30.0	447,525	419,241	417,112	1,199,361	1,024,703
Oats	31,946	31,452	31,531	do	45.7	55.8	52.2	546,315	750,901	601,477	845,188	704,526
Barley	38,297	39,564	39,233	do	44.9	43.9	48.4	372,461	420,159	447,008	829,716	744,900
Rye	4,721	4,704	4,995	do	20.7	24.6	26.3	14,951	17,312	26,160	37,199	36,029
Flaxseed	985	1,314	860	do	7.9	11.5	12.7	7,820	15,105	10,921	55,477	68,593
Rice	2,480.0	2,249.0	3,059.0	Cwt	\$4,663	\$4,412	\$4,505	115,648	99,223	137,805	81,358	94,124
Peanut	207.8	154.8	141.1	Pound	2,925	2,788	2,828	607,832	431,610	399,010	53,752	37,680
Sorghum for grain	14,723	14,092	13,581	Bushel	48.9	56.3	55.1	719,817	792,983	748,410	1,450,085	1,433,991
Sorghum for forage	1,883	1,633	1,578	Ton	9.3	10.9	10.9	7,168	9,168	7,757	3,514,954	3,063,821
Sorghum for silage	772	842	714	Ton	465	\$520	\$421	10,580.6	14,389.2	10,855.8	3,254,954	3,063,821
Cottonseed	10,913.5	13,275.3	12,370.0	Bale	1.99	2.16	2.31	120,006	131,313	142,264	6,810,799	6,782,482
Hay, all	60,311	60,658	61,495	Ton	\$1,186	\$1,298	\$1,279	17,786	16,610	19,117	276,291	334,866
Beans, dry edible	1,499.3	1,279.9	1,494.4	Cwt	\$1,720	\$613	\$1,783	2,150	1,023	3,601	24,377	14,184
Peas, dry edible	125.0	167.0	202.0	Cwt	26.1	30.6	29.2	1,287,560	1,761,755	1,842,647	8,768,979	10,352,409
Soybeans for beans	49,358	57,612	63,003	Bushel	2,465	2,457	2,639	3,750,890	3,726,015	3,988,624	750,260	783,302
Peanuts for nuts	1,521.5	1,516.4	1,511.6	Pound	260	261	263	357,674	354,576	360,467	1,282,856	1,273,604
Potatoes	1,374.5	1,358.7	1,368.1	Cwt	114	110	116	13,432	12,395	13,862	100,059	129,592
Sweetpotatoes	117.8	112.4	119.4	Cwt	16,000	16,700	17,100	7,350	7,870	7,680	889	999
Taro	5	5	5	Pound	2,045	1,997	2,135	213,829	191,214	2,026,124	2,403,723	2,268,420
Tobacco	1,044,520	957,500	949,060	Pound	37.6	35.3	35.9	38,120	26,830	27,022	7,957,242	7,327,146
Sugarcane for sugar and seed	747.0	759.4	752.4	Ton	19.9	20.6	20.3	29,386	25,007	25,868	616,813	604,393
Sugarbeets	1,478.8	1,216.2	1,273.5	Ton	1870	1796	1782	\$927	\$1,221	\$1,154	10,638	14,561
Maple syrup	30.9	30.5	30.9	Gallon	1.870	1.796	1.782	57,774	54,777	55,071	48,982	49,095
Hops	350.0	408.5	529.0	Pound	231	238	175	80,748	97,105	99,495	81,950	103,318
Seed crops:	347.6	244.1	294.7	do	102	102	110	35,291	24,877	32,456	21,714	17,642
Alfalfa	62.1	55.1	76.5	do	505	505	588	34,834	19,766	44,946	17,584	16,394
Kentucky Bluegrass, All	39.3	34.5	43.3	do	515	331	673	20,230	11,418	29,137	9,380	9,412
Public and Common	22.8	20.6	21.7	do	489	359	595	11,144	7,388	12,904	6,405	5,993
Proprietary	11.6	12.0	13.7	do	295	275	280	3,422	3,300	3,562	4,449	3,960
Ladino clover	57.4	49.7	49.7	do	190	206	212	10,912	11,670	10,531	4,792	8,030
Lepedeza	73.0	65.1	80.5	do	173	187	211	12,633	12,149	16,965	3,429	6,132
Timothy	25.5	22.3	22.2	do	473	464	455	12,060	10,348	10,090	3,635	3,417
Orchardgrass	370.5	459.5	566.0	do	230	234	292	85,310	107,670	165,335	17,069	24,761
Tall fescue (ky. 31 Alta)	...	...	...	do	...	...	...	...	...	...	...	...

See footnotes at end of table.

Table 627.—Crops: Area, yield, production, and value, United States, 1976-78¹—Continued

Crop	Area harvested			Yield per harvested acre			Production			Value of production		
	1976	1977	1978 ²	Unit	1976	1977	1978 ²	1976	1977	1978 ²	1976	1977
Seed crops—Continued												
Chewings fescue	9.5	10.0	11.0	Pound	570	550	450	5,415	5,500	4,950	2,328	2,860
Red fescue	13.0	12.0	11.0	do	510	500	480	6,630	6,000	5,280	2,785	3,120
Benegrass	19.0	17.0	18.0	do	350	400	230	6,650	6,800	4,140	5,254	5,984
Crimson clover	11.5	11.5	18.5	do	320	330	300	3,680	3,795	3,150	1,206	1,214
Harry vetch	27.0	30.5	45.0	do	254	270	450	6,855	8,235	3,600	1,723	2,334
All ryegrass	166.0	180.0	194.0	do	1,180	1,504	1,242	195,340	270,800	240,980	36,188	33,500
Apples, commercial crop				do				6,467,900	6,643,000	7,581,200	586,577	698,890
Pears				do				2,642,400	2,852,200	2,561,000	253,922	281,740
Plums				do				821	785	727	102,688	114,746
Cherries				Ton				4,093	4,236	4,318	635,570	834,794
Apricots				Ton				241	252	246	101,256	134,635
Plums, dried (California)				Ton				128	141	126	25,703	29,696
Prunes and plums, fresh basis				Ton				115	157	154	43,700	49,141
Prunes (excluding California)				Ton				148	159	131	60,976	79,341
Figs ⁹				Ton				74	58	69	9,046	10,797
Nectarines				Ton				32	42	30	5,778	12,243
Olives				Ton				128	155	148	31,360	31,775
Dates				Ton				80	43	126	26,400	17,329
Avocados ¹⁰				Ton				22	25	25	7,750	8,585
Bananas	.6	.6	.6	Pound	9,000	10,500	8,600	5,030	58,245	4,800	79,811	86,563
Bushberries ¹¹	11.0	11.0	45.6	do	5,218	5,314	2,821	57,555	58,245	128,737	17,643	28,299
Papayas	1.9	2.2	2.2	do	25,900	29,500	29,200	50,037	63,548	64,000	6,134	7,565
Persimmons ¹²				Ton				2	2	.....	871	700
Pomegranates				Ton				9	10	10	1,890	1,430
Cranberries	23.1	22.5	23.2	Barrel	104.3	93.3	106.2	2,407	2,102	2,459	32,424	38,154
Strawberries	33.8	34.3	36.3	Cwt	169	190	178	6,479	6,509	6,476	187,291	214,947
Oranges ¹³				Box				242,780	242,950	219,620	678,717	811,196
Grapefruit ¹³				Box				70,080	74,600	73,700	154,802	175,467
Lemons ¹³				Box				17,620	26,000	26,100	101,949	92,500
Limes ¹³				Box				1,080	1,000	460	10,012	11,610
Tangerines				Box				5,360	5,770	5,400	25,976	32,104
Tangelos				Box				5,500	4,800	4,900	13,860	13,296
Templets				Box				3,800	3,800	4,900	15,895	12,882
Pecans				Box				5,500	5,500	4,900	83,983	136,459
Walnuts				Pound				103,100	236,600	250,700	115,165	140,707
Almonds				Ton				184	313	181	184,032	264,485
Filberts				Ton				284	12	14	4,588	8,068
Macadamia nuts				Pound				7	12	14	7,007	8,030
Coffee	2.0	2.0	2.0	do	1,060	1,140	940	18,990	19,680	20,980	3,922	3,133

Commercial vegetables:

	10.6	10.8	9.9	Cwt	76	66	53	806	713	525	11,568	13,775	14,201
Artichokes	92.6	85.8	80.4	Cwt	25	25	22	2,302	2,181	1,795	72,192	80,249	79,070
Asparagus ¹⁴	1.0	60.3	46.0	Ton	1.16	1.23	21	355.8	74.2	82.7	16,007	25,426	29,704
Beans, green lima ¹⁵	322.3	335.9	364.8	Ton	2.32	2.44	2.36	747.0	819.7	860.1	144,148	159,133	176,503
Beets ¹⁶	52.8	14.1	17.3	Ton	10.86	14.60	12.78	157.4	206.2	221.3	6,057	8,383	8,706
Broccoli	4.9	70.9	68.3	Cwt	81	80	84	4,289	5,694	5,752	68,204	92,748	102,061
Brussels sprouts	98.8	5.8	5.9	Cwt	120	135	125	23,606	23,806	24,715	116,865	172,409	165,305
Cabbage ¹⁴	75.0	91.7	93.9	Cwt	239	259	257	10,005	10,760	13,029	109,739	113,991	125,459
Cantaloups	73.4	69.5	76.1	Cwt	133	135	139	19,247	19,208	19,630	114,565	141,432	130,855
Carrots	33.7	37.4	41.6	Cwt	92	99	98	3,081	3,707	4,069	51,868	73,387	85,031
Cauliflower	33.7	33.8	33.3	Cwt	502	491	474	16,904	16,561	15,780	133,336	140,978	183,782
Celery	640.5	623.9	599.6	Ton	4.61	4.88	5.14	2,951.6	3,046.5	3,082.2	225,306	226,132	236,550
Corn, sweet ¹⁴	177.4	175.7	187.9	Ton	5.00	5.14	5.15	887.7	904.7	968.3	128,814	134,989	154,971
Cucumbers	3.5	3.2	3.4	Cwt	203	203	197	702	641	661	7,317	7,058	8,347
Eggplant	7.7	7.8	7.6	Cwt	145	132	140	1,110	1,025	1,061	15,483	16,331	21,990
Escarole	8.8	10.4	13.0	Cwt	105	110	120	924	1,144	1,560	11,995	16,336	24,723
Garlic	14.0	15.5	18.5	Cwt	168	167	186	2,346	2,591	3,442	24,916	25,561	32,949
Honeydew melons	225.0	231.5	236.5	Cwt	240	243	256	53,955	56,267	60,516	468,378	424,515	648,341
Lettuce	109.2	108.0	120.8	Cwt	322	319	298	35,197	34,406	35,935	216,356	203,432	221,698
Onions	393.0	350.5	355.4	Ton	1.31	1.40	1.30	513.2	489.0	461.0	101,982	100,533	94,753
Peas, green ¹⁵	53.8	55.9	53.1	Cwt	98	95	99	5,255	5,333	5,255	88,248	87,637	104,069
Peppers, green	31.8	30.5	30.5	Ton	6.28	6.36	5.91	195.4	194.3	180.0	22,793	24,346	29,539
Spinach ¹⁴	436.8	471.0	424.8	Ton	17.30	18.62	17.60	7,558.3	8,768.1	7,477.1	793,570	906,823	847,685
Tomatoes ¹⁴	234.2	227.4	218.2	Cwt	111	116	112	25,910	26,371	24,486	84,274	89,414	94,028
Watermelons	72.2	86.9	100.0	Pound	51	51	57	3,700	4,409	5,728	54,702	63,209	60,962
Peppermint	29.0	37.1	46.1	.. do	58	63	70	1,686	2,329	3,244	20,778	28,947	24,200
Spearmint													

¹ Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops.

² Preliminary.

³ Includes area seeded in preceding fall.

⁴ Area seeded in preceding fall.

⁵ Yield in pounds.

⁶ Clean basis.

⁷ Does not include Hawaii.

⁸ Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

⁹ Fresh basis.

¹⁰ Year of bloom.

¹¹ Maine, Michigan, New Jersey, North Carolina and Oregon added to the bushberry

program beginning in 1978.

¹² Estimates discontinued after 1977 crop.

¹³ Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is included with other crops on a harvested basis.

¹⁴ For breakdown between fresh market and processing, see individual crop tables.

¹⁵ Processing only.

n.a. not available.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 628.—Crops: Area, United States, 1964–78

Year	Principal crops				Field seeds, harvested area ⁵	Commercial vegetables, harvested area ⁶	Fruits and planted nuts, bearing area ⁷
	Harvested area			Planted area total ⁴			
	Feed grains ¹	Food grains ²	Total ³				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1964	97,147	53,244	287,262	298,454	2,777.1	3,273.5	2,798.1
1965	96,109	52,826	287,758	297,215	2,405.0	3,286.9	2,837.0
1966	97,942	52,856	283,511	293,062	2,414.0	3,417.3	2,870.1
1967	101,022	61,386	295,447	305,781	1,871.7	3,567.5	2,928.6
1968	97,310	58,114	289,668	299,384	1,861.2	3,637.1	2,983.8
1969	95,539	50,565	280,586	291,153	1,845.1	3,329.4	3,060.1
1970	99,232	46,806	283,096	293,211	2,085.9	3,204.8	3,103.4
1971	106,074	51,254	295,056	305,830	1,800.6	3,168.4	3,164.7
1972	93,780	50,171	282,976	294,609	1,508.4	3,232.6	3,139.5
1973	101,908	57,273	310,241	318,682	1,770.1	3,363.6	3,183.5
1974	99,752	68,683	316,340	326,495	1,714.0	3,333.4	3,246.9
1975	104,482	72,938	324,202	332,366	1,588.3	3,413.4	3,412.4
1976	106,266	73,972	325,517	336,256	1,543.7	3,195.0	3,373.6
1977	107,980	69,414	332,367	344,007	1,584.2	3,206.6	3,406.2
1978	104,315	60,893	324,836	334,484	1,884.8	3,223.6	3,440.9

¹ Corn for grain, oats, barley, and sorghum for grain.² Wheat, rye, and rice.³ Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflower (beginning 1975), popcorn, cotton, all hay, dry edible beans, dry edible peas, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets.⁴ Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice soybeans, flaxseed, peanuts, sunflower (beginning 1975), popcorn, cotton, dry edible beans, dry edible peas, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane.⁵ Includes alfalfa, red clover, ladino clover, lespedeza, timothy, orchardgrass, Ky. bluegrass, chewing fescue, red fescue, tall fescue, bentgrass, crimson clover, hairy vetch, and all ryegrass.⁶ Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.⁷ Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, grapefruit, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, nectarines, figs, olives, avocados, dates, persimmons (prior to 1978) and pomegranates; nuts—walnuts, almonds, filberts and pistachios (beginning 1977).

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 629.—Harvested crops: Area required for specified purposes, United States, 1964–78

Year	Crops har- vested ¹	Area used for producing —			Total popu- lation July 1 ⁴	Year	Crops har- vested ¹	Area used for producing —			Total popu- lation July 1 ⁴
		Ex- port prod- ucts ²	Products for domestic use ³					Ex- port prod- ucts ²	Products for domestic use ³		
			Total	Per capita					Total	Per capita	
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Acres</i>	<i>Mil- lions</i>		<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Acres</i>	<i>Mil- lions</i>
1964 . . .	298	74	224	1.17	192	1972 . .	294	91	203	.97	209
1965 . . .	298	76	222	1.14	194	1973 . .	321	96	225	1.07	210
1966 . . .	294	69	225	1.14	197	1974 . .	328	99	229	1.08	212
1967 . . .	306	69	237	1.19	199	1975 . .	336	100	236	1.10	214
1968 . . .	300	54	246	1.22	201	1976 . .	337	97	240	1.12	215
1969 . . .	290	61	229	1.13	203	1977 . .	344	111	233	1.07	217
1970 . . .	293	72	221	1.08	205	1978 ⁵ .	336	113	223	1.02	219
1971 . . .	305	62	243	1.17	207						

¹ Area in principal crops harvested as reported by The Crop Reporting Board, ESCS, plus area in vegetables, fruits, tree nuts, and farm gardens.² Area for exports relate to exports for year beginning July 1. Area includes seeds for crops and feed for livestock that are exported.³ Includes feed used by horses and mules.⁴ Includes persons in our military forces in this country and abroad.⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 630.—Livestock and livestock products: Production and value, United States, 1976–78

Product	Production ¹			Value of production		
	1976	1977	1978 ²	1976	1977	1978 ²
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves	41,368,299	40,829,023	39,812,094	13,818,232	14,010,710	19,481,949
Sheep and lambs	732,765	703,942	698,517	314,919	321,057	390,286
Hogs	18,110,651	19,124,424	19,557,546	7,844,358	7,536,318	9,111,277
Chickens ³	13,624,415	14,159,081	15,167,685	3,097,880	3,208,908	3,830,416
Turkeys ⁴	2,605,321	2,562,285	2,669,365	824,839	910,223	1,163,294
Milk	120,269,000	122,698,000	121,928,000	11,714,591	12,027,741	13,004,082
Wool (shorn)	110,817	107,159	101,277	73,148	77,147	75,443
Mohair ⁵	8,100	8,000	8,100	24,057	22,960	37,179
Eggs	<i>Thousands</i> 64,511,000	<i>Thousands</i> 64,600,000	<i>Thousands</i> 67,034,000	3,133,472	2,994,674	2,918,002

¹ For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

² Preliminary.

³ Including commercial broiler production.

⁴ Turkey production and value estimates do not include an adjustment for changes in inventory.

⁵ Texas only.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 631.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1964–78

Year	Productivity ¹	Year	Productivity ¹	Year	Productivity ¹
1964	95	1969	103	1974	106
1965	100	1970	102	1975	115
1966	97	1971	110	1976	116
1967	100	1972	110	1977	118
1968	102	1973	111	1978 ²	119

¹ Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 633 by the index of total input in table 632.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

FOOTNOTES FOR TABLE 635

¹ Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 672.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 632.—Total farm input: Index numbers of farm input by major subgroups, United States, 1964–78
[1967 = 100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agri-cultural chemicals ¹	Feed, seed, and live-stock pur-chases ²	Taxes and interest	Miscella-neous
1964	100	122	100	93	71	92	100	113
1965	98	110	99	94	75	93	100	109
1966	98	103	99	96	85	97	100	104
1967	100	100	100	100	100	100	100	100
1968	100	97	99	101	105	97	100	106
1969	99	93	98	101	111	101	100	105
1970	100	89	101	100	115	104	100	109
1971	100	86	99	102	124	111	99	108
1972	100	82	96	101	131	113	100	115
1973	101	80	97	105	136	116	100	111
1974	100	78	95	109	140	107	101	110
1975	100	76	96	113	127	101	101	104
1976	103	73	97	117	145	110	101	113
1977	104	71	99	118	151	111	100	125
1978 ³	103	67	98	120	145	116	100	124

¹ Includes fertilizer, lime, and pesticides.² Nonfarm portion of feed, seed, and livestock purchases.³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 633.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1964–78
[1967 = 100]

Year	Farm output	Livestock and products ¹				Crops									
		All livestock and products ²	Meat animals ³	Dairy products ⁴	Poultry and eggs ⁵	All crops ⁶	Feed grains ⁷	Hay and forage ⁸	Food grains ⁹	Vegetables ¹⁰	Fruits and nuts ¹¹	Sugar crops ¹²	Cotton	Tobacco	Oil crops ¹³
1964	95	97	97	104	87	93	75	94	86	89	97	112	209	113	81
1965	98	95	92	104	90	99	88	98	88	96	100	100	205	94	95
1966	95	97	96	101	96	95	89	97	88	97	98	100	130	96	97
1967	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	102	100	101	99	98	103	95	99	106	104	98	113	148	87	114
1969	102	101	102	98	100	104	99	100	98	101	116	115	137	91	116
1970	101	105	108	99	105	100	89	100	91	98	110	114	139	97	117
1971	110	106	109	101	106	112	116	105	107	98	118	116	145	86	121
1972	110	107	109	102	109	113	112	104	102	99	106	127	187	88	131
1973	112	105	108	98	106	119	115	109	114	100	126	112	175	88	155
1974	106	106	110	99	106	110	93	104	120	102	128	104	158	101	127
1975	114	101	102	98	103	121	114	108	142	101	137	130	112	110	153
1976	117	105	105	103	110	121	120	102	141	102	136	128	142	108	132
1977	121	106	105	105	112	130	126	107	132	108	136	116	191	98	175
1978 ¹⁴	121	106	104	104	118	131	135	115	124	107	133	118	146	102	180

¹ Production of livestock and livestock products for human use, horses and mules excluded. ² Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown.³ Cattle and calves, sheep and lambs, and hogs. ⁴ Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. ⁵ Chicken eggs, commercial broilers, chickens, and turkeys. ⁶ Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. Farm gardens included through 1964. ⁷ Corn for grain, oats, barley, and sorghum grain. ⁸ All hay, sorghum forage, corn silage, and sorghum silage. ⁹ All wheat, rye, buckwheat, and rice. ¹⁰ Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value.¹¹ Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bloom. ¹² Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup. ¹³ Soybeans, peanuts harvested for food, cottonseed, flaxseed, and tung nuts. ¹⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 634.—Farm output: Index numbers by farming regions,¹ 1964–78
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	Southern Plains	Moun-tain	Pacific	United States
1964	97	98	89	90	103	89	107	102	92	103	95
1965	100	97	94	94	98	95	107	112	96	102	98
1966	92	58	93	96	93	86	99	100	95	103	95
1967	100	100	100	100	100	100	100	100	100	100	100
1968	95	103	98	104	96	92	113	112	104	108	102
1969	97	100	97	109	100	98	108	105	106	109	102
1970	99	102	92	102	101	98	114	108	107	109	101
1971	101	111	108	122	104	111	119	100	111	112	110
1972	90	107	105	121	105	108	123	116	110	116	110
1973	92	110	104	125	107	111	118	132	110	120	112
1974	97	103	92	107	108	118	115	110	111	128	106
1975	97	108	109	115	112	119	113	123	117	136	114
1976	101	105	113	113	119	125	122	127	122	140	117
1977	98	130	116	125	111	113	130	141	114	135	121
1978 ²	104	127	116	127	117	120	128	120	122	133	121

¹For States included in regions, see footnote 1, table 672. ²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 635.—Cropland used for crops: Index numbers by farming regions,¹ 1964–78
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	Southern Plains	Moun-tain	Pacific	United States
1964	105	100	95	98	95	99	90	108	99	101	98
1965	102	99	95	99	96	96	92	108	101	100	99
1966	102	97	96	99	95	92	91	101	99	99	98
1967	100	100	100	100	100	100	100	100	100	100	100
1968	95	98	95	98	98	99	108	103	100	100	98
1969	91	92	93	100	94	96	107	107	102	97	98
1970	94	93	94	99	95	98	110	100	102	99	98
1971	95	99	99	100	103	104	110	97	101	99	100
1972	92	94	96	99	99	101	110	94	103	102	98
1973	94	103	104	102	104	106	111	109	102	101	103
1974	97	106	108	103	108	111	113	111	105	106	106
1975	97	108	109	104	111	115	116	112	105	108	108
1976	98	111	110	105	113	117	124	108	106	109	109
1977	99	113	113	107	118	123	128	112	106	106	111
1978 ²	98	110	109	104	117	123	128	105	106	107	108

See footnotes on page 439.

Table 636.—Crop production per acre of cropland used for crops: Index numbers by regions,¹ 1964–78
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	Southern Plains	Moun-tain	Pacific	United States
1964	87	90	86	88	113	91	131	97	93	105	95
1965	93	93	97	97	104	101	125	113	97	103	100
1966	85	102	96	98	98	89	110	100	96	107	97
1967	100	100	100	100	100	100	100	100	100	100	100
1968	97	108	104	109	95	88	110	116	104	111	105
1969	103	113	108	117	105	97	103	99	105	114	106
1970	102	111	96	103	103	96	106	107	104	111	102
1971	102	116	115	130	98	105	110	96	108	115	112
1972	87	120	118	131	104	105	115	122	107	116	115
1973	96	117	110	135	102	105	111	133	111	124	116
1974	100	103	89	106	99	108	101	95	111	129	104
1975	98	109	112	119	103	104	99	109	113	132	112
1976	97	94	110	111	104	105	96	118	119	133	111
1977	94	133	114	132	92	86	104	136	115	134	117
1978 ²	102	132	122	141	101	96	102	117	124	130	121

See footnotes on page 444.

Table 637.—Labor: Indexes of farm production per hour, by farming regions, 1964–78¹
 [1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1964	82	82	77	83	82	79	82	85	77	90	81
1965	88	87	88	91	86	90	90	98	89	96	89
1966	88	94	91	96	89	87	94	100	93	97	92
1967	100	100	100	100	100	100	100	100	100	100	100
1968	101	108	104	106	103	99	114	114	104	106	106
1969	110	111	110	118	112	104	112	107	106	108	110
1970	118	121	111	111	122	110	125	111	114	115	115
1971	125	134	133	131	133	128	135	108	121	118	128
1972	123	139	138	138	144	130	143	126	125	127	136
1973	131	151	142	142	151	135	149	145	128	125	130
1974	143	145	131	122	154	148	153	128	137	133	136
1975	149	161	165	139	156	155	166	150	146	143	152
1976	166	164	179	140	172	167	182	165	158	151	162
1977	169	210	190	158	171	157	197	183	154	148	173
1978 ²	189	215	200	169	186	176	210	167	167	153	183

¹Index of farm output (see table 634) divided by index of hours of labor used on farms (for absolute number of hours of labor used on farms in the United States, see table 661).

²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 638.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1964–78¹
 [1967 = 100]

Year	Livestock and products					Crops									
	Farm out-put	All live-stock and prod-ucts	Meat an-imals	Milk cows	Poul-try	All crops	Feed grains	Hay and forage	Food grains	Vege-tables	Fruits and nuts	Sugar crops	Cot-ton	To-bacco	Oil crops
1964	81	82	89	79	81	79	77	68	99	90	97	89	87	85	96
1965	89	86	89	87	87	90	91	85	101	96	98	88	102	82	104
1966	92	93	95	93	93	94	93	93	104	97	102	92	102	89	103
1967	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	106	105	104	108	104	106	102	103	110	103	101	110	133	101	111
1969	110	112	110	117	112	108	109	105	117	110	107	111	125	110	113
1970	115	121	117	125	119	111	109	105	121	110	109	116	136	129	127
1971	128	128	122	136	128	126	136	111	130	114	111	125	149	134	134
1972	136	137	130	148	142	135	153	120	124	116	109	127	187	149	144
1973	130	144	137	153	151	138	153	125	131	116	118	122	224	147	148
1974	136	156	147	168	166	128	131	124	115	116	129	118	208	158	134
1975	152	160	150	178	175	142	156	133	130	116	125	134	255	157	156
1976	162	178	164	202	200	146	164	128	127	123	129	139	302	164	150
1977	173	189	172	223	215	158	177	141	129	129	126	141	434	166	175
1978 ²	183	204	186	242	241	166	199	158	135	130	128	146	442	176	168

¹Index of farm production (see table 633) divided by the appropriate index of hours of labor (for absolute number of hours, see table 661).

²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 639. — Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1915–78¹

Crop and item	1915–19	1925–29	1935–39	1945–49	1955–59	1965–69	1974–78 ²
Corn for grain:							
Hours per acre	34.2	30.3	28.1	19.2	9.9	5.8	3.7
Yield-bushels	25.9	26.3	26.1	36.1	48.7	78.5	87.8
Hours per 100 bushels	132	115	108	53	20	7	4
Sorghum grain:							
Hours per acre		17.5	13.1	8.8	5.9	4.2	3.9
Yield-bushels		16.8	12.8	17.8	29.2	52.9	50.8
Hours per 100 bushels		104	102	49	20	8	8
Wheat:							
Hours per acre	13.6	10.5	8.8	5.7	3.8	2.9	2.9
Yield-bushels	13.9	14.1	13.2	16.9	22.3	27.5	30.0
Hours per 100 bushels	98	74	67	34	17	11	10
Hay:							
Hours per acre	13.0	12.0	11.3	8.4	6.0	3.8	3.5
Yield-ton	1.25	1.22	1.24	1.35	1.61	1.97	2.15
Hours per ton	10.4	9.8	9.1	6.2	3.7	1.9	1.6
Potatoes:							
Hours per acre	73.8	73.1	69.7	68.5	53.1	45.1	38.3
Yield-cwt	56.9	68.4	70.3	117.8	178.1	212.8	257.0
Hours per ton	26	21	20	12	6	4	3
Sugarbeets:							
Hours per acre	125	109	98	85	51	33	26
Yield-ton	9.6	10.9	11.6	13.6	17.4	17.5	19.7
Hours per ton	13.0	10.0	8.4	6.3	2.9	1.9	1.3
Cotton:							
Hours per acre	105	96	99	83	66	30	10
Yield-pounds	168	171	226	273	428	484	462
Hours per bale	299	268	209	146	74	30	11
Tobacco:							
Hours per acre ³	353	370	415	460	475	427	259
Yield-pounds	803	772	886	1,176	1,541	1,960	2,049
Hours per 100 pounds	44	48	47	39	31	22	13
Soybeans:							
Hours per acre	19.9	15.9	11.8	8.0	5.2	4.8	3.7
Yield-bushels	13.9	12.6	18.5	19.6	22.7	25.8	27.8
Hours per 100 bushels	143	126	64	41	23	19	13

¹ Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.² Preliminary.³ Per acre planted and harvested.

Economics, Statistics, and Cooperatives Service — Economics.

Table 640. — Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1915–78

Kind of livestock and item	1915–19	1925–29	1935–39	1945–49	1955–59	1965–69	1974–78 ¹
Milk cows:							
Hours per cow	141	145	148	129	109	78	48
Milk per cow (pounds)	3,790	4,437	4,401	4,992	6,307	8,820	10,783
Hours per cwt. of milk	3.7	3.3	3.4	2.6	1.7	.9	.4
Cattle other than milk cows:							
Hours per cwt. of beef produced ^{2 3}	4.5	4.3	4.2	4.0	3.2	2.1	1.4
Hogs:							
Hours per cwt. produced ³	3.6	3.3	3.2	3.0	2.4	1.4	.6
Chickens (laying flocks and eggs):							
Hours per 100 layers		218	221	240	175	97	61
Rate of lay		117	129	161	200	219	234
Hours per 100 eggs produced		1.9	1.7	1.5	.9	.4	.3
Chickens (farm raised):							
Hours per 100 birds	33	32	30	29	23	14	12
Hours per cwt. produced ³	9.4	9.4	9.0	7.7	6.7	3.7	3.0
Chickens (broilers):							
Hours per 100 birds			25	16	4	2	.6
Hours per cwt. produced ³			8.5	5.1	1.3	.5	.2
Turkeys:							
Hours per cwt. produced ³	31.1	28.5	23.7	13.1	4.4	1.3	.6

¹ Preliminary.² Production includes beef produced as a byproduct of the milk-cow enterprise.³ Live-weight production.

Economics, Statistics, and Cooperatives Service — Economics.

Table 641.—Industrial production and income: Index numbers of production in selected lines and aggregate weekly payroll index, United States, 1964–78

[1967 = 100]

Year	Industrial production ¹					Ag- gre- gate weekly pay- roll index ²	Year	Industrial production ¹					Ag- gre- gate weekly pay- roll index ²
	Total	Man- ufac- turing	Du- rable man- ufac- turing	Non- du- rable man- ufac- turing	Min- ing			Total	Man- ufac- turing	Du- rable man- ufac- turing	Non- du- rable man- ufac- turing	Min- ing	
1964 . . .	81.7	81.0	78.3	85.2	89.9	80.2	1972 . . .	119.7	118.9	113.7	126.5	113.1	131.5
1965 . . .	89.8	89.7	89.0	90.9	93.2	88.1	1973 . . .	129.8	129.8	127.1	133.8	114.7	149.2
1966 . . .	97.8	97.9	98.9	96.7	98.2	97.8	1974 . . .	129.3	129.4	125.7	134.6	115.3	157.1
1967 . . .	100.0	100.0	100.0	100.0	100.0	100.0	1975 . . .	117.8	116.3	109.3	126.4	112.8	151.0
1968 . . .	106.3	106.4	106.5	106.2	104.2	108.3	1976 . . .	130.5	130.3	122.3	141.8	114.2	172.4
1969 . . .	111.1	111.0	110.6	111.5	108.3	116.6	1977 . . .	138.2	138.4	130.0	150.5	118.2	194.5
1970 . . .	107.8	106.4	102.3	112.3	112.2	114.1	1978 ³ . .	146.1	146.8	139.7	156.9	124.0	222.1
1971 . . .	109.6	108.2	102.4	116.6	109.8	116.7							

¹ Data from Board of Governors of the Federal Reserve System.² For manufacturing. (Department of Labor series.)³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 642.—Railroad freight rates: Index numbers for specified commodities, 1964–78

Year	Railroad freight rate indexes 1967 = 100 ¹								
	Meats	Fruits and vege- tables	Wheat	All grains	Soybeans	Cotton	Wool	Tobacco	Combined indexes ²
1964	113	99	111	108	100	100	100	100	105
1965	104	99	99	101	99	100	100	100	101
1966	100	99	99	100	99	100	100	99	100
1967	100	100	100	100	100	100	100	100	100
1968	103	103	101	100	101	100	101	102	101
1969	107	108	102	100	103	103	106	108	103
1970	117	118	113	109	114	113	119	118	114
1971	132	134	125	121	126	126	134	132	126
1972	136	138	120	121	127	131	136	137	129
1973	138	140	124	122	130	134	140	142	131
1974	162	161	147	146	158	155	165	166	154
1975	189	184	169	166	182	167	(³)	(³)	(³)
1976	212	208	183	181	201	183	.....	.....	.....
1977 ⁴	227	210	199	194	219	168	.....	.....	.....
1978 ⁴	248	216	214	206	237	146	.....	.....	.....

¹ All index number series are of the weighted aggregate type. They are based on averages of rates in effect during the year. Annual averages are computed by weighting the rates by the number of days they are in effect.² Combined index includes corn and small grains in addition to other products for which data are shown separately.³ Beginning 1975, indexes for wool, tobacco, and all commodities combined have been discontinued. Those for wool and tobacco are dropped because of limited traffic. The Bureau of Labor Statistics now reports monthly an index on farm products and a separate index for food and kindred products.⁴ These indexes use revised volumes and, in some instances, different origins and/or destinations than were used in earlier years. They were linked to the earlier series through computation on both bases for 1976.

Economics, Statistics, and Cooperatives Service—Economics.

FOOTNOTES FOR TABLE 636

¹ For States included in regions, see footnote 1, table 672. ² Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 643.—Marketing costs: Labor, transportation, corporate profits, and other costs, for marketing farm food products, United States, 1964–78¹

Year	Labor ²	Rail and truck transportation ³	Corporate profits ⁴		Other ⁵	Total marketing bill
			Before taxes	After taxes		
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1964	22.1	4.3	2.8	1.4	23.4	52.6
1965	23.3	4.2	3.0	1.6	23.5	54.0
1966	24.6	4.2	3.4	1.8	24.9	57.1
1967	25.9	4.3	3.4	1.8	28.2	61.8
1968	28.0	4.5	3.6	1.8	29.0	65.1
1969	30.4	4.6	3.6	1.6	28.9	67.5
1970	32.3	5.2	3.6	1.6	32.8	73.9
1971	34.5	6.0	3.9	2.0	34.9	79.3
1972	37.4	6.1	4.0	1.9	32.2	79.7
1973	40.6	6.0	5.4	2.8	33.4	85.4
1974	44.2	7.2	6.1	3.6	38.1	95.6
1975	48.5	8.3	7.9	4.0	44.6	109.3
1976	54.0	9.5	7.9	4.2	49.8	121.2
1977 ⁶	59.8	10.0	8.5	4.5	50.6	128.9
1978 ⁷	66.0	10.8	9.5	4.8	54.2	140.5

¹For domestic farm foods bought by civilian consumers in this country.²Labor cost includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. It also includes supplements to wages and salaries such as social security and unemployment insurance taxes and health insurance premiums, but it does not include the cost of labor employed in for-hire transportation.³Includes charges for protective services, heating and refrigeration; does not include local housing. Charges for intercity transportation by water and air are a part of the "other" or residual component of the marketing bill.⁴Does not include profits of unincorporated firms or transportation firms.⁵Residual component; includes other costs such as advertising, depreciation, fuel, electric power, containers, packaging materials, air and water transportation, interest on borrowed capital, taxes other than those on income, and noncorporate profits.⁶Preliminary.⁷Estimated.

Economics, Statistics, and Cooperatives Service — Economics.

Table 644.—Marketing spreads: Retail cost, farm value, farm-retail spread and farm value share of retail cost for farm-originated food products, United States, 1968–78¹

Year	Retail cost ²	Farm value ³	Farm-retail spread ⁴	Farm value share of retail cost	Retail cost ²	Farm value ³	Farm-retail spread ⁴	Farm value share of retail cost
	Market basket of farm food products				Bakery and cereal products			
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1968	103.6	105.4	102.5	38	103.6	97.5	104.9	16
1969	109.1	114.9	105.6	40	106.3	97.7	108.1	16
1970	113.7	114.0	113.5	38	112.0	103.9	113.7	16
1971	115.7	114.5	116.5	37	116.3	106.5	118.3	16
1972	121.3	125.3	119.0	39	115.9	112.4	116.7	17
1973	142.3	168.7	126.4	45	128.9	167.9	120.8	22
1974	161.9	181.1	150.4	42	167.4	243.4	151.6	25
1975	173.6	187.7	165.1	41	183.7	200.2	180.3	19
1976	175.4	177.8	174.0	38	180.8	162.3	184.6	15
1977	179.2	178.1	180.0	38	183.7	138.2	193.2	13
1978 ⁵	199.4	207.4	194.5	39	199.9	163.9	207.3	14

See footnotes at end of table.

Table 644.—Marketing spreads: Retail cost, farm value, farm-retail spread and farm value share of retail cost for farm-originated food products, United States, 1968–78¹—Continued

Year	Retail cost ²	Farm value ³	Farm-retail spread ⁴	Farm value share of retail cost	Retail cost ²	Farm value ³	Farm-retail spread ⁴	Farm value share of retail cost
Meat products				Fruits and vegetables, fresh and processed				
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1968	100.6	101.6	99.4	57	112.1	120.3	108.3	27
1969	111.4	116.4	104.9	59	112.6	117.8	109.7	26
1970	116.6	113.7	120.4	55	115.3	113.6	115.8	26
1971	115.5	112.1	119.8	55	121.9	121.8	120.7	25
1972	129.3	133.2	124.2	58	125.8	126.8	125.4	25
1973	160.1	179.5	134.9	63	142.0	156.1	137.3	27
1974	163.0	160.9	165.6	56	159.8	178.0	153.8	28
1975	178.3	188.3	165.2	60	172.4	186.3	167.8	27
1976	178.5	170.1	189.5	54	176.4	180.5	175.0	26
1977	174.3	169.8	180.0	55	192.6	191.5	193.0	25
1978 ⁵	206.8	211.5	200.6	58	234.7	219.0	239.9	23
Dairy products				Fats and oils				
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1968	102.7	104.0	101.7	47	96.3	89.4	99.0	26
1969	106.1	109.3	103.3	48	96.4	91.4	98.4	26
1970	111.3	113.9	109.1	48	103.8	111.2	100.9	30
1971	114.7	116.2	113.4	47	113.5	128.6	107.7	32
1972	116.4	118.9	114.2	48	114.9	110.2	116.7	27
1973	126.6	135.2	119.2	50	127.1	172.8	109.5	38
1974	150.7	159.3	143.3	49	192.5	324.6	141.6	47
1975	154.0	163.6	145.6	49	206.8	253.8	188.7	34
1976	168.5	185.9	153.3	51	176.7	206.4	165.2	33
1977	173.3	187.2	161.3	50	192.0	249.3	169.9	36
1978 ⁵	185.5	204.3	169.2	51	209.6	257.4	191.1	34
Poultry and eggs				Miscellaneous products				
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1968	105.1	109.0	100.9	55	98.8	103.0	98.0	16
1969	115.9	125.5	105.2	57	102.5	107.4	101.7	16
1970	114.0	114.2	113.8	53	108.5	110.8	108.1	15
1971	108.5	104.8	112.6	51	112.1	118.0	111.1	16
1972	108.9	106.6	111.4	52	114.3	117.9	113.7	15
1973	157.4	187.4	124.0	63	119.8	146.2	115.2	18
1974	152.6	175.1	127.6	60	164.3	299.9	140.7	27
1975	160.9	186.8	132.1	61	191.2	257.6	179.7	20
1976	163.3	185.3	138.9	60	179.1	181.3	178.8	15
1977	162.0	182.1	139.7	59	180.0	163.1	182.8	14
1978 ⁵	167.6	193.2	139.0	61	193.7	191.5	191.0	15

¹ Revised to adapt to the expenditure weights and retail price indexes of the new Consumer Price Index for all urban consumers (CPI-U) published by the Bureau of Labor Statistics. The market basket represents purchasing patterns of domestically produced farm foods in food stores by households from July 1972 through June 1974. ² Special index of retail prices for domestically produced foods published by the Bureau of Labor Statistics. ³ Gross return or payment to farmers for the farm products equivalent to foods in the market basket. ⁴ The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products. ⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 645.—Marketing bill for U.S. farm products: Civilian consumer expenditures, farm value, and marketing bill, 1964–78¹

Year	Total marketing bill	Farm value	Civilian expenditures for farm foods	Year	Total marketing bill	Farm value	Civilian expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1964	52.6	24.9	77.5	1972	79.7	39.1	118.8
1965	54.0	27.1	81.1	1973	85.4	51.0	136.4
1966	57.1	29.8	86.9	1974	95.6	55.7	151.3
1967	61.8	28.8	90.6	1975	109.3	54.9	164.2
1968	65.1	30.4	95.5	1976	121.2	57.6	178.8
1969	67.5	33.7	101.2	1977 ²	128.9	57.5	186.4
1970	73.9	34.8	108.7	1978 ³	140.5	67.2	207.7
1971	79.3	35.4	114.7				

¹The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food bought by civilian consumers and not to that sold to the Armed Forces or exported.

²Preliminary.

³Estimated.

Economics, Statistics, and Cooperatives Service—Economics.

Table 646.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1977 and 1978

Commodity and unit	Season average price ¹		Parity price ³			
	1977	1978 ²	1977		1978	
			Based on data for —	Parity price	Based on data for —	Parity price
Basic commodities:						
Cotton:	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
American upland	0.521	0.585	July ...	0.8410	July ...	0.9060
Extra-long staple .....	.879	.933	July ...	1.29	July ...	1.42
Wheat	2.33	2.94	June ...	5.07	June ...	5.29
Rice	9.49	7.72	June ...	14.00	June ...	15.30
Corn	2.02	2.11	Sept ...	3.45	Sept ...	3.74
Peanuts .....	.210	.211	July ...	.287	July ...	.315
Tobacco:						
Flue-cured, types 11–14	1.176	1.350	June ...	1.620	June ...	1.760
Va., fire-cured, type 21 .....	.963	.945	Nov ...	1.30	Nov ...	1.48
Ky.-Tenn. fire-cured, types 22–23	1.323	1.136	Dec ...	1.39	Dec ...	1.64
Burley, type 31	1.200	1.310	Oct ...	1.66	Oct ...	1.85
Maryland, type 32 ⁴	1.149	1.245	Mar ...	1.51	Mar ...	1.66
Dark air-cured, types 35–36	1.177	1.008	Nov ...	1.17	Nov ...	1.39
Sun-cured, type 37	1.000	.888	Oct ...	1.25	Oct ...	1.43
Pa. seedleaf, type 41 .....	.600	.620	Dec ...	.820	Dec ...	.932
Cigar filler and binder, types 42–44, 54–55 .....	.825	.961	Sept ...	1.020	Sept ...	1.170
Puerto Rican filler, type 46	1.213	1.449	Jan ...	.997	Jan ...	1.040
Cigar binder, types 51–52	1.213	1.449	Oct ...	1.36	Oct ...	1.55
Designated nonbasic commodities:						
Tung nuts	(⁵)	(⁵)	Oct. ⁶ ...	71.20	Oct. ⁷ ...	61.60
Milkfat, in cream .....	.920	1.02	Dec. ⁸ ...	1.33	Dec. ⁸ ...	1.31
All milk, sold to plants	9.72	10.60	Dec. ⁸ ...	12.20	Dec. ⁸ ...	13.00
Fluid market	9.96	10.80				
Manufacturing grade	8.70	9.65				
Honey, extracted (wholesale)	9.494	.511	Dec. ⁸ ...	.506	Dec. ⁸ ...	.563
Wool and mohair:						
Wool	¹⁰ 720	.745	Dec. ⁸ ...	1.38	Dec. ⁸ ...	1.37
Mohair	¹¹ 2.87	4.59	Dec. ⁸ ...	2.08	Dec. ⁸ ...	2.45

See footnotes at end of table.

Table 646.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1977 and 1978—Continued

Commodity and unit	Season average price ¹		Parity price ³			
	1977	1978 ²	1977		1978	
			Based on data for —	Parity price	Based on data for —	Parity price
Other nonbasic commodities:						
Field crops and miscellaneous:	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Barley bushel	1.78	1.90	June . . .	3.01	June . . .	3.26
Beans, dry edible cwt	20.20	16.30	July . . .	26.80	July . . .	29.60
Cottonseed ton	70.30	114.00	July . . .	143.00	July . . .	150.00
Crude pine gum barrel	65.46	67.82	Mar . . .	Mar . . .	Mar . . .	102.00
Flaxseed bushel	4.54	6.00	June . . .	8.64	June . . .	9.41
Hay, all, baled ton	54.00	50.00	Jan . . .	64.30	Jan . . .	70.60
Hops pound	89.6	90.1	July . . .	1.27	July . . .	1.39
Oats bushel	1.10	1.18	June . . .	1.75	June . . .	1.91
Peas, dry field cwt	13.90	8.00	July . . .	14.50	July . . .	16.90
Peppermint oil pound	14.30	10.60	July . . .	14.90	July . . .	17.00
Popcorn, shelled basis cwt	8.78	8.44	July . . .	9.37	July . . .	10.90
Potatoes cwt	3.55	3.56	Apr . . .	5.81	Apr . . .	6.23
Rye bushel	2.05	1.98	June . . .	2.81	June . . .	3.07
Sorghum grain cwt	3.25	3.46	Sept . . .	5.77	Sept . . .	6.21
Soybeans bushel	5.88	6.65	Aug . . .	7.61	Aug . . .	8.76
Spearmint oil pound	12.40	7.46	July . . .	13.80	July . . .	15.50
Sweetpotatoes cwt	10.18	13.25	June . . .	14.00	June . . .	15.20
Tobacco:						
Cigar wrapper, type 61 pound	6.00	7.50	Dec . . .	8.82	Dec . . .	6.59
Cigar wrapper, type 62 do	4.00	Oct . . .	5.95	Oct . . .	6.59	
Fruits:						
Citrus (equiv. on-tree): ¹²						
Grapefruit box	1.49	1.55	Aug . . .	3.14	Aug . . .	3.48
Lemons box	1.66	1.94	Oct . . .	6.12	Oct . . .	6.31
Limes, Florida box	8.60	15.72	Mar . . .	8.70	Mar . . .	11.00
Oranges box	2.21	4.31	Oct . . .	3.31	Oct . . .	4.00
Tangelos box	1.42	3.54	Oct . . .	5.69	Oct . . .	6.21
Tangerines box	3.86	4.82	Oct . . .	5.69	Oct . . .	6.21
Temple box	2.16	4.29	Oct . . .	5.69	Oct . . .	6.21
Deciduous and other:						
Apples:						
For all sales pound . . . . .	.105	.108	June . . .	.165	June . . .	.180
For fresh consumption ¹³ do . . . . .	.138	.164	July . . .	133.00	July . . .	151.00
For processing ton	122.00	114.00	July . . .	133.00	July . . .	151.00
Apricots:						
For all sales ton	210.00	274.00	May . . .	543.00	May . . .	826.00
For fresh consumption ton	328.00	505.00	June . . .	2,990.00	June . . .	3,280.00
Dried, California (dried basis) ton	2,195.00	2,900.00	July . . .	266.00	July . . .	1,100.00
For processing (except dried) ton	162.00	228.00	Sept . . .	1,090.00	Sept . . .	1,110.00
Avocados ton	566.00	735.00	Sept . . .	1,090.00	Sept . . .	1,110.00
Berries for processing (Washington and Oregon):						
Blackberries pound . . . . .	.450	.507	July . . .	.398	July . . .	.483
Boysenberries/youngberries do . . . . .	.650	.800	July . . .	.463	July . . .	.587
Gooseberries do . . . . .	.206	.250	July . . .	.239	July . . .	.264
Loganberries do . . . . .	.419	.430	July . . .	.467	July . . .	.538
Raspberries, black do . . . . .	.621	.750	July . . .	.813	July . . .	.914
Raspberries, red do . . . . .	.468	.711	July . . .	.519	July . . .	.599
Cherries:						
Sweet ton	496.00	694.00	Apr . . .	742.00	Apr . . .	758.00
Tart pound . . . . .	.294	.438	May . . .	.268	May . . .	.294
Cranberries barrel	18.10	Aug . . .	26.00	Aug . . .	26.20	
Dates, California ¹⁴ ton	338.00	385.00	Aug . . .	419.00	Aug . . .	434.00
Figs:						
For fresh consumption, California ton	345.00	352.00	Aug . . .	892.00	Aug . . .	1,040.00
Dried, California (dried basis) ton	780.00	903.00	Aug . . .	892.00	Aug . . .	1,040.00
Grapes:						
For all sales ton	194.00	239.00	May . . .	226.00	May . . .	253.00
Raisin varieties dried, California ton	840.00	1,121.00	May . . .	226.00	May . . .	253.00
Grapes, excluding raisin varieties, dried ton	192.00	235.00	May . . .	226.00	May . . .	253.00
Nectarines (California): ¹⁴						
For fresh consumption ton	205.00	316.00	May . . .	370.00	May . . .	390.00
For processing ton	(¹⁵) 44.10	July . . .	194.00	July . . .	199.00	

See footnotes at end of table.

Table 646. — Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1977 and 1978—Continued

Commodity and unit	Season average price ¹		Parity price ³			
	1977	1978 ²	1977		1978	
			Based on data for—	Parity price	Based on data for—	Parity Price
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued						
Olives (California): ¹⁴	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
For all sales ton. . .	403.00	184.00	July . .	90.30	July . . .	100.00
Crushed for oil ton. . .	74.00	15.00	July . .	717.00	July . . .	731.00
For processing (except crushed) ton. . .	404.00	183.00	July . .	664.00	July . . .	678.00
For canning ton. . .	475.00	205.00	July . .	717.00	July . . .	731.00
Peaches:						
For all sales pound. . .	.099	.121	Apr . . .	.200	Apr . . .	.239
For fresh consumption ¹⁶ . do. . .	.141	.171	Apr . . .	.200	Apr . . .	.239
Dried, California (dried basis) ton. . .	1,670.00	1,619.00	July . .	1,790.00	July . . .	2,040.00
For processing (except dried):						
Clingstone ¹⁴ ton. . .	140.00	162.00	June . .	180.00	June . . .	188.00
Freestone ton. . .	122.00	122.00	July . .	185.00	July . . .	198.00
Pears:						
For all sales ton. . .	146.00	218.00	May . .	289.00	May . . .	294.00
For fresh consumption ¹⁷ . ton. . .	194.00	261.00	May . .	289.00	May . . .	294.00
Dried, California (dried basis) ton. . .	1,250.00	2,000.00	Aug . . .	1,830.00	Aug . . .	1,900.00
For processing (except dried) ton. . .	115.00	185.00	July . .	237.00	July . . .	233.00
Persimmons, California . . . ton. . .	350.00		July . .		July . . .	
Plums (equiv. on-tree) (California):						
For all sales ton. . .	313.00	390.00	July . .		July . . .	
For fresh consumption . . . ton. . .	315.00	397.00	July . .		July . . .	
For processing ton. . .	65.80	29.30	July . .		July . . .	
Pomegranates, California . . . ton. . .	143.00	270.00	July . .		July . . .	
Prunes, dried (California) . . . ton. . .	499.00	650.00	July . .		July . . .	
Prunes and plums (excl. Calif.):						
For fresh consumption . . . ton. . .	219.00	188.00	July . .		July . . .	
For processing (except dried) ton. . .	89.70	110.00	July . .		July . . .	
Strawberries:						
For fresh consumption . . pound. .	.389	.358	Jan . . .	.537	Jan . . .	.563
For processing do. . .	.224	.188	July . .	.342	July . . .	.371
Seed crops:						
Alfalfa cwt. . .	108.00	117.00	July . .	110.00	July . . .	126.00
Bentgrass cwt. . .	88.00	125.00	July . .	91.60	July . . .	105.00
Chewings fescue (Oregon) . . . cwt. .	52.00	57.00	Jan . . .	57.80	Jan . . .	63.90
Crimson clover cwt. . .	32.00	49.00	Jan . . .	57.30	Jan . . .	58.30
Hairy vetch cwt. . .	27.10	32.00	Jan . . .	28.20	Jan . . .	31.80
Ladino clover cwt. . .	120.00	115.00	Jan . . .	165.00	Jan . . .	174.00
Lespedeza cwt. . .	69.80	45.00	July . .	47.10	July . . .	59.90
Merion Kentucky bluegrass . . . cwt. .	n.a.	n.a.	Jan . . .	148.00	Jan . . .	164.00
Orchardgrass cwt. . .	33.00	39.30	Jan . . .	44.40	Jan . . .	47.70
Red clover cwt. . .	73.50	67.10	July . .	81.30	July . . .	93.30
Red fescue cwt. . .	52.00	57.00	Jan . . .	58.70	Jan . . .	65.00
Tall fescue cwt. . .	23.00	12.20	Jan . . .	23.80	Jan . . .	26.20
Timothy cwt. . .	50.60	43.10	July . .	28.50	July . . .	38.30
Sugar crops:						
Maple sirup gallon. .	12.00	12.90	July . .	43.50	July . . .	47.10
Sugarbeets ton. . .	24.20		July . .	33.30	July . . .	35.90
Sugarcane for sugar ¹⁸ . . . ton. . .	18.50		July . .	33.30	July . . .	35.90
Tree nuts:						
Almonds pound. . .	.818	1.400	July . .	1,500.00	July . . .	1,630.00
Filberts ton. . .	687.00	800.00	July . .	1,040.00	July . . .	1,110.00
Pecans, all pound. . .	.557	.666	July . .	1,610.00	July . . .	1,175.00
Improved do. . .	.660	.694	July . .		July . . .	
Seedling do. . .	.460	.610	July . .		July . . .	
Walnuts ton. . .	731.00	1,360.00	July . .	985.00	July . . .	1,040.00
Vegetables for fresh market:						
Artichokes, California ¹⁹ . . . cwt. .	19.30	27.00	July . .	25.30	July . . .	26.40
Asparagus cwt. . .	46.90	51.80	Jan . . .	52.20	Jan . . .	57.00
Broccoli ¹⁹ cwt. . .	16.30	18.10	Jan . . .	21.70	Jan . . .	24.70
Cabbage cwt. . .	8.91	8.40	Jan . . .	7.83	Jan . . .	9.25
Cantaloups cwt. . .	10.60	9.64	Jan . . .	14.30	Jan . . .	15.20
Carrots cwt. . .	11.30	10.10	Dec. ⁸ .	9.27	Dec. ⁸ .	10.30
Cauliflower ¹⁹ cwt. . .	19.80	21.20	Nov. ⁸ .	20.40	Nov. ⁸ .	23.50
Celery cwt. . .	8.71	12.30	Dec. ⁸ .	10.80	Dec. ⁸ .	11.40
Cucumbers cwt. . .	9.93	11.80	Jan . . .	15.30	Jan . . .	16.10

See footnotes at end of table.

Table 646.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1977 and 1978—Continued

Commodity and unit	Season average price ¹		Parity price ³			
	1977	1978 ²	1977		1978	
			Based on data for —	Parity price	Based on data for —	Parity price
Other nonbasic commodities—Continued						
Vegetables for fresh market—Continued	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Eggplant cwt.	11.00	12.90	Jan	17.50	Jan	18.40
Escarole cwt.	15.90	20.60	Jan	17.50	Jan	19.10
Garlic cwt.	17.00	30.00	Jan	19.50	Jan	20.30
Green peppers cwt.	18.00	21.70	Jan	24.60	Jan	25.60
Honeydew melons cwt.	9.87	9.62	Apr	13.90	Apr	14.70
Lettuce cwt.	7.52	11.00	Nov. ⁸	11.30	Nov. ⁸	11.30
Onions cwt.	7.71	8.65	Feb	9.98	Feb	11.30
Snap beans cwt.	21.00	25.70	Jan	29.00	Jan	30.60
Spinach cwt.	16.90	21.50	Jan	25.10	Jan	26.40
Sweet corn cwt.	8.07	8.84	Jan	11.80	Jan	12.40
Tomatoes cwt.	20.60	19.60	Dec. ⁸	26.00	Dec. ⁸	27.60
Watermelons cwt.	3.43	3.98	Jan	5.07	Jan	5.32
Vegetables for processing:						
Asparagus ton.	638.00	789.00	Jan	796.00	Jan	840.00
Beets ton.	40.70	39.30	Jan	51.60	Jan	55.00
Cabbage ton.	30.50	31.40	Jan	42.50	Jan	45.10
Cucumbers ton.	126.00	130.00	Jan	195.00	Jan	201.00
Green peas ton.	206.00	206.00	Jan	256.00	Jan	275.00
Lima beans ton.	343.00	359.00	July	420.00	July	479.00
Snap beans ton.	145.00	145.00	Jan	212.00	Jan	220.00
Spinach ton.	69.00	78.70	Jan	91.70	Jan	96.70
Sweet corn ton.	49.60	50.30	July	64.10	July	70.80
Tomatoes ton.	64.10	64.20	Jan	83.60	Jan	87.50
Livestock and livestock products:						
All beef cattle cwt.	34.40	48.50	Dec. ⁸	57.30	Dec. ⁸	58.60
Cows cwt.	24.30	35.80	.....	.....	.....	.....
Steers and heifers cwt.	37.30	51.70	.....	.....	.....	.....
Calves cwt.	36.90	59.10	Dec. ⁸	67.50	Dec. ⁸	68.30
Beeswax pound.	1.58	1.74	July	1.47	July	1.71
Chickens:						
Excluding broilers, live do. . . .	.121	.124	.....	.....	.....	.....
Broilers, live do. . . . .	.236	.263	.....	.....	.....	.....
Eggs dozen. . . . .	.557	.522	Dec. ⁸ . . . .	.788	Dec. ⁸ . . . .	.813
Hogs cwt.	39.40	46.60	Dec. ⁸	52.60	Dec. ⁸	55.70
Lambs cwt.	51.30	62.70	Dec. ⁸	58.50	Dec. ⁸	62.20
Milk cows ²⁰ head.	504.00	675.00	.....	.....	.....	.....
Milk, retail ²¹ quart. . . . .	.367	.388	.....	.....	.....	.....
Sheep cwt.	13.40	21.70	Dec. ⁸	16.50	Dec. ⁸	17.40
Turkeys, live pound. . . . .	.355	.436	Dec. ⁸ . . . .	.483	Dec. ⁸ . . . .	.494

¹Season average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov.-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighting State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

²Preliminary.

³Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products.

⁴Crop is sold during year following production. 1978 price is average of auction sales through May 4, 1979. Parity prices are for March 1977 and 1978.

⁵No production since 1972.

⁶Based on average of 7-season average prices, 1967–73.

⁷Based on average of 6-season average prices, 1968–73.

⁸Previous year.

⁹State annual average prices weighted by production to obtain U.S. averages.

¹⁰Average local market price for wool sold excluding incentive payment.

¹¹Average local market price for mohair sold excluding incentive payment.

¹²Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest is completed.

¹³Equivalent packinghouse-door returns for Oregon and Washington, equivalent first delivery point returns for California, and prices as sold for other States.

¹⁴Equivalent per unit returns for bulk fruit at first delivery point.

¹⁵No nectarines processed in 1977.

¹⁶Prices for fresh use in Arkansas, California, Georgia, Maryland, Michigan, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, Washington, and West Virginia, and average price for all sales in all other States.

¹⁷Packinghouse-door returns for fresh consumption for Oregon and Washington, equivalent first delivery point returns for California, average prices for fresh use for Michigan and New York, and average prices for all methods of sale for other States.

¹⁸Continental United States only.

¹⁹Includes some processing.

²⁰Simple average of States weighted by estimated Jan. 1 head for U.S. average.

²¹Sold by farmers directly to consumers.

n.a. not available.

Table 647.—Producer prices: Index numbers, by groups of commodities, United States, 1964–78
[1967 = 100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products ¹	Industrial commodities ²	All commodities
1964	94.6	92.8	90.3	93.7	98.3	95.5	95.4	93.8	97.4	93.9	95.2	94.7
1965	98.7	96.2	94.3	95.5	99.0	95.9	95.9	96.4	96.9	94.1	96.4	96.6
1966	105.9	101.9	103.4	97.8	99.4	97.8	100.2	98.8	98.0	97.1	98.5	99.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.5	103.4	103.2	98.9	99.8	103.4	113.3	102.6	102.8	102.0	102.5	102.5
1969	109.1	109.7	108.9	100.9	99.9	105.3	125.3	108.5	104.9	107.1	106.0	106.5
1970	111.0	113.6	110.3	106.2	102.2	108.3	113.6	116.6	107.5	113.6	110.0	110.4
1971	112.9	115.8	114.1	115.2	104.1	108.1	127.3	118.7	110.0	116.7	114.1	114.0
1972	125.0	121.8	131.3	118.6	104.2	109.3	144.3	123.5	111.4	117.5	117.9	119.1
1973	176.3	146.9	143.1	134.3	110.0	112.4	177.2	132.8	115.2	121.9	125.9	134.7
1974	187.7	174.4	145.1	208.3	146.8	136.2	183.6	171.9	127.9	132.9	153.8	160.1
1975	186.7	186.0	148.5	245.1	181.3	150.2	176.9	185.6	139.7	149.6	171.5	174.9
1976	191.0	178.9	167.8	265.6	187.2	159.2	205.6	195.9	145.6	163.0	182.4	183.0
1977	192.5	186.8	179.3	302.2	192.8	167.6	236.3	209.0	151.5	179.8	195.1	194.2
1978 ³ . . .	212.7	206.4	200.1	322.5	198.8	174.7	275.9	227.1	160.1	198.5	209.4	209.3

¹ The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967.

² Prior to January 1967, classified as "all commodities other than farm products and processed food."

³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Compiled from reports of the U.S. Department of Labor. Beginning January 1971, data represent the revised sample and the 1967 weighting pattern; previously reported on a 1957–59 = 100 basis.

Table 648.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1964–78¹
[1910-14 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market ²	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool ³	Livestock and livestock products	All farm products	Ratio ⁴
1964 . . .	190	167	262	490	256	306	320	248	286	230	239	270	256	142	291	236	237	76
1965 . . .	163	174	245	513	265	240	241	262	305	293	230	315	260	144	...	260	245	76
1966 . . .	185	181	215	552	293	246	241	285	341	194	238	353	295	157	...	290	264	79
1967 . . .	176	174	190	555	269	227	222	283	334	187	225	335	308	131	...	275	250	73
1968 . . .	160	157	192	567	257	304	309	305	358	195	225	346	322	139	...	286	255	73
1969 . . .	154	167	173	594	249	228	224	300	369	203	217	398	337	157	...	322	268	73
1970 . . .	162	179	183	604	265	217	214	292	366	218	225	405	350	147	...	325	274	72
1971 . . .	166	187	206	627	297	246	249	322	421	202	242	407	359	134	...	323	281	69
1972 . . .	192	181	245	685	329	265	249	326	431	226	257	496	372	137	...	372	313	74
1973 . . .	379	283	274	718	608	312	305	379	521	385	394	664	440	231	...	502	447	91
1974 . . .	529	423	433	821	625	319	303	403	509	543	504	553	510	214	...	454	481	85
1975 . . .	426	400	348	899	529	313	303	458	579	400	452	567	537	235	...	474	463	76
1976 . . .	355	379	504	907	550	300	290	456	576	377	444	569	591	233	...	485	465	72
1977 . . .	275	316	511	972	652	370	363	499	659	363	432	564	594	228	...	481	457	66
1978 ⁵ . .	336	320	465	1,060	608	516	526	535	709	385	458	754	647	242	...	593	524	70

See footnotes on page 452.

Table 649.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1964–78¹

[1967 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market ²	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool ³	Livestock and livestock products	All farm products	Ratio ⁴
1964 ..	108	96	138	88	95	135	144	88	85	123	106	81	83	109	131	86	95	102
1965 ..	93	100	129	92	98	106	109	93	91	157	103	94	85	110	..	94	98	104
1966 ..	105	104	113	99	109	109	109	101	102	103	106	105	96	120	..	106	106	107
1967 ..	100	100	100	100	100	100	100	100	100	100	100	100	100	100	..	100	100	100
1968 ..	91	90	101	102	96	134	139	108	107	104	100	103	105	107	..	104	102	99
1969 ..	88	96	91	107	93	101	101	106	110	109	97	119	109	120	..	117	107	100
1970 ..	92	103	96	109	99	96	96	103	110	117	100	121	113	112	..	118	110	98
1971 ..	95	108	108	113	111	108	112	114	126	108	108	121	117	102	..	118	113	94
1972 ..	109	104	129	123	122	117	121	115	129	121	114	148	121	105	..	136	125	100
1973 ..	215	163	144	129	226	137	137	134	156	206	175	198	143	176	..	183	179	124
1974 ..	300	243	228	148	232	141	136	143	152	290	224	165	166	163	..	165	192	116
1975 ..	242	230	183	162	197	138	137	162	173	214	201	169	175	179	..	172	185	103
1976 ..	202	218	265	164	205	132	131	161	173	201	197	170	192	178	..	177	186	97
1977 ..	156	181	270	175	243	163	163	176	197	194	192	168	193	174	..	175	183	91
1978 ⁵ ..	191	184	245	191	226	227	237	189	212	206	203	225	210	185	..	216	210	96

¹ Index values shown for 1965 through 1976 were revised and published June 1977 using 1971–73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available upon request.

² Fresh market for noncitrus, and fresh market and processing for citrus.

³ Due to the decrease in relative importance of wool sales between the previous index base period (1953–57) and the current base period (1971–73), wool has no weight in the revised (1965 to present time) Prices Received Index; therefore, revised wool indexes are not available.

⁴ Ratio of Index of Prices Received (1967 = 100) to Index of Prices Paid (1967 = 100).

⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets on or about the 15th of each month. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953–57 for 1959–64 indexes and by average quantities sold during 1971–73 for the 1965–75 indexes.

FOOTNOTES FOR TABLE 648

¹ Index values shown for 1965 through 1976 were revised and published June 1977 using 1971–73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available upon request.

² Fresh market for noncitrus, and fresh market and processing for citrus.

³ Due to the decrease in relative importance of wool sales between the previous index base period (1953–57) and the current base period (1971–73), wool has no weight in the revised (1965 to present time) Prices Received Index; therefore, revised wool indexes are not available.

⁴ Ratio of Index of Prices Received to the Parity Index.

⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets on or about the 15th of each month. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953–57 for 1959–64 indexes and by average quantities sold during 1971–73 for the 1965–76 indexes. (See table 649 for data on 1967 = 100 basis.)

Table 650.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965–1978¹
[1910-14 = 100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing ²	Autos and auto supplies	Medical and health care ²	Education, recreation, and other ²	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1965	305	306	362	323	334	307	306	277	207	348	237	152	271
1966	314	323	375	327	338	320	315	289	216	396	234	149	274
1967	320	322	392	333	346	342	323	290	213	386	238	147	277
1968	334	331	416	345	363	363	337	290	200	402	247	138	279
1969	348	348	442	355	377	388	352	302	204	453	252	128	275
1970	363	368	467	361	392	413	371	313	216	472	267	129	270
1971	379	375	487	376	415	440	387	328	224	483	294	134	274
1972	394	395	512	393	428	455	401	351	226	575	321	138	284
1973	426	460	559	424	452	472	412	424	342	742	397	150	292
1974	484	531	637	496	530	513	438	481	414	570	512	246	329
1975	533	574	682	558	595	576	474	528	399	517	582	320	443
1976	563	589	739	592	639	631	495	559	408	594	574	272	481
1977	573	(4)	(4)	(4)	(4)	(4)	(4)	579	398	611	621	266	434
1978	616	(4)	(4)	(4)	(4)	(4)	(4)	626	390	853	650	265	407

Year	Production indexes—Continued							Prices paid (total commodities)	Interest	Taxes	Wage rates ⁶	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates ⁷
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent ⁵						
1965	174	266	457	465	424	391	.....	288	387	740	728	335	322
1966	175	265	470	487	437	399	.....	299	435	795	785	351	335
1967	177	268	491	507	455	405	.....	301	486	849	847	356	341
1968	178	272	525	531	476	430	.....	306	545	932	919	364	349
1969	181	279	552	564	501	457	.....	319	607	1,020	1,011	381	366
1970	185	290	587	590	526	458	.....	332	651	1,095	1,083	397	382
1971	190	298	645	619	556	491	328	347	693	1,158	1,139	416	399
1972	191	305	673	651	590	530	357	368	758	1,206	1,205	445	424
1973	204	320	714	695	633	594	396	427	895	1,236	1,314	530	490
1974	281	392	793	816	725	733	482	485	1,085	1,305	1,506	603	557
1975	313	450	940	990	895	835	578	533	1,277	1,408	1,627	663	612
1976	331	439	1,043	1,102	1,025	871	621	564	1,456	1,513	1,781	707	652
1977	357	441	1,151	1,205	1,120	928	674	591	1,651	1,657	1,915	741	687
1978	376	458	1,218	1,315	1,211	1,001	710	638	1,929	1,756	2,053	805	744

¹ Index values for 1965 through 1975 were revised and published in May 1976 using 1971–73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965 to April 1976 are available upon request.

² Based on Consumer Price Indexes of Bureau of Labor Statistics.

³ Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

⁴ Discontinued.

⁵ New index; values for years prior to 1971 are not available.

⁶ Simple average of seasonally adjusted quarterly indexes.

⁷ The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910-14 = 100 base.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 651.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965–78¹

[1967 = 100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing	Autos and auto supplies	Medical and health care ²	Education, recreation, and other ²	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1965	95	95	92	97	97	89	95	96	97	90	100	103	98
1966	98	100	96	98	98	93	97	100	101	103	98	102	99
1967	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	104	103	106	104	105	106	104	100	94	104	104	94	101
1969	109	108	112	107	109	113	109	104	96	117	106	87	100
1970	114	114	119	109	113	120	115	108	101	122	112	88	98
1971	118	116	124	113	120	128	120	113	105	125	124	91	100
1972	123	123	131	118	124	132	124	121	106	149	135	94	103
1973	133	143	143	127	130	137	127	146	160	192	167	102	105
1974	151	165	162	149	153	149	135	166	194	148	215	167	119
1975	166	178	174	168	172	167	147	182	187	134	245	217	160
1976	176	183	188	178	184	184	153	193	191	154	241	185	174
1977	181	(4)	(4)	(4)	(4)	(4)	(4)	200	186	158	261	181	157
1978	194	(4)	(4)	(4)	(4)	(4)	(4)	216	183	221	273	180	147

Year	Production indexes—Continued							Prices paid (total commodities)	Interest	Taxes	Wage rates ⁶	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent ⁵						
1965	98	99	93	92	93	97	....	96	79	87	86	94	94
1966	98	99	96	96	96	99	....	99	90	94	93	99	99
1967	100	100	100	100	100	100	....	100	100	100	100	100	100
1968	101	102	107	104	104	106	....	102	112	110	108	102	103
1969	102	104	112	111	110	113	....	106	125	120	119	107	108
1970	104	108	120	116	116	113	....	110	134	129	128	112	112
1971	107	111	131	122	122	121	113	115	142	136	134	117	118
1972	108	114	137	128	130	131	123	122	156	142	142	125	125
1973	116	120	145	137	139	147	136	142	184	145	155	149	144
1974	159	147	161	161	159	181	166	161	223	154	178	169	164
1975	177	168	191	195	197	206	199	177	262	166	192	186	180
1976	187	164	212	217	225	215	214	187	299	178	210	198	192
1977	202	165	234	238	246	229	232	196	339	195	226	208	202
1978	212	171	248	259	266	248	245	212	396	207	242	226	219

¹ Index values for 1965 through 1975 were revised and published in May 1976 using 1971–73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965–April 1975 are available upon request.

² Based on Consumer Price Indexes of Bureau of Labor Statistics.

³ Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

⁴ Discontinued.

⁵ New index; values for years prior to 1971 are not available.

⁶ Simple average of seasonally adjusted quarterly indexes.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 652.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1975-78^{1,2}

Commodity and unit	1967	1975	1976	1977	1978
Building materials:					
Framing lumber, 2 by 4 inches, per 1,000 board feet:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Pine, Standard and better ³	135.00	232.00	265.00	307.00	353.00
Pine, Utility ⁴	112.00	186.00	.....	.....	.....
Fir, Standard and better ³	150.00	273.00	305.00	346.00	393.00
Fir, Utility ⁴	115.00	202.00	.....	.....	.....
Boards, per 1,000 board feet:					
Rough, for farm fences and construction ⁵	139.00	312.00	339.00	371.00	401.00
Rough, under No. 2 ⁶	113.00	246.00	.....	.....	.....
Dressed, 1-inch, S4S, standard and better or No. 2 and better	169.00	378.00	407.00	436.00	504.00
Dressed, under No. 2 ⁶	124.00	260.00	.....	.....	.....
Shiplap, pine, per 1,000 board feet:					
Standard and better or No. 2 and better	142.00	310.00	329.00	.....	.....
Under No. 2 ⁶	121.00	255.00	.....	.....	.....
Drop-siding, per 1,000 board feet:					
Pine, C and better	207.00	436.00	467.00	522.00	.....
Fir, C Select and better	262.00	590.00	.....	.....	.....
Bevel-siding per 1,000 board feet, cedar, clear VG Heart	215.00	546.00	.....	.....	.....
Flooring, per 1,000 board feet:					
Yellow pine, B and better	228.00	512.00	543.00	556.00	.....
Fir, V G, B and better	317.00	775.00	.....	.....	.....
Fir, V G, C Select	242.00	724.00	.....	.....	.....
Oak Select	294.00	562.00	592.00	656.00	.....
Oak No. 1	254.00	476.00	.....	.....	.....
Shingles, wood, cedar, 16 inches, per square	17.80	49.60	.....	.....	.....
Doors flush, hollow-core, each	8.74	13.70	15.00	16.20	.....
House windows, D.H. Unit with frames and sashes	24.20	39.70	44.70	48.70	.....
Nails, 8d, common, per pound	.180	.483	.481	.487	.502
Screen wire, galvanized, 16-mesh, 30-inch width, per linear foot	.236	.361	.378	.405	.....
Roofing, galvanized steel, per 100 square feet	13.30	30.30	31.10	32.10	34.20
Roofing, composition, per roll	4.19	9.46	.....	.....	.....
Asbestos siding shingles, per square	22.20	37.20	40.10	45.30	.....
Gypsum board, ½ inch, per 1,000 square feet	59.80	77.30	80.20	92.20	.....
Shingles, asphalt, per square	9.33	20.20	20.80	21.70	23.70
Insulating sheathing, (asphalt-treated) regular density, ½-inch, per 1,000 square feet ⁷	89.00	92.60	101.00	110.00	126.00
Bricks, common, per 1,000	63.20	109.00	122.00	134.00	.....
Drainage tile, 4-inch:					
Clay, per foot	.154	.288	.....	.....	.....
Concrete, per foot	.153	.268	.289	.....	.....
Concrete blocks, per 100	27.10	47.00	50.10	54.90	60.60
Portland cement, per 94 pounds	1.61	3.13	3.42	3.67	4.05
Paint, house, exterior, per gallon	6.63	10.80	11.60	12.20	12.60
Barbed wire, 2-point, per spool of 80 rods	10.00	28.50	26.90	27.00	27.70
Barbed wire, 4-point, per spool of 80 rods	11.10	31.90	29.90	30.00	30.60
Posts, wood, line fence, each	.889	1.89	2.03	2.05	2.24
Posts, steel, each	1.16	2.37	2.29	2.32	2.37
Staples, fence, per pound	.199	.499	.506	.526	.546
Woven wire fencing, 32-inch, per 20-rod roll	24.00	54.00	53.40	56.40	60.00
Iron pipe, galvanized, 1¼-inch, I.D., per foot ⁸	.472	1.21	1.22	1.28	1.35
Plastic tubing, 1-inch, I.D., per foot ⁹	.137	.194	.191	.199	.211
Fuels and energy:					
Fuel, per gallon:					
Diesel fuel	.168	.391	.416	.449	.462
Gasoline, service station, unleaded regular ¹⁰	.330	.553	.583	.610	.651
Gasoline, bulk delivery, leaded regular ¹¹	.282	.498	.537	.569	.597
Furnace or fuel oil	.166	.378	.406	.462	.483
L. P. gas, bulk delivery ¹²	.145	.304	.331	.389	.404
Kerosene	.195	.417	.446	.....	.....
Electricity, per kilowatt hour	.0217	.0307	.0335	.0368	.0398
Motor supplies:					
Grease, 35 lb. pail	8.12	13.60	13.90	15.20	16.80
Motor oil, per gallon:					
All weather, high detergent	1.92	2.92	2.93	2.95	3.11
Heavy duty, detergent	1.61	2.54	2.53	2.56	2.70
Regular, nondetergent	1.27	2.11	2.13	2.17	2.31
Spark plugs, each	.927	1.25	1.32	1.39	1.44
Storage batteries, CPR 220-310 amps, each ¹³	21.50	34.20	35.20	37.00	39.50
Tires:					
Auto tires, convent., F78-15, 4 ply-tubeless, each ¹⁴	22.40	31.70	.....	.....	.....
Auto tires, bias-belted const., G78-15, tubeless, each	.....	39.80	40.30	43.00	43.40
Auto tires, radial, steel-belted, 205-15 GR78-15, tubeless, each	.....	62.80	63.20	66.00	66.40
Truck tires, 7.50 × 20, 10-ply, each	63.70	78.70	81.80	87.00	90.10
Tractor tires, rear, 18.4-34.6-ply, each	.....	257.00	264.00	280.00	284.00

See footnotes at end of table.

Table 652.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1975–78^{1,2}—Continued

Commodity and unit	1967	1975	1976	1977	1978
Motor vehicles:					
Autos, 4-door sedans:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Compact ¹⁵				5,220.00	5,460.00
Intermediate size ¹⁶		4,950.00	5,310.00	5,720.00	6,170.00
Low-priced standard size ¹⁷	3,170.00	5,380.00	5,750.00	5,940.00	.....
Medium-priced standard size ¹⁸		5,640.00	6,040.00	6,350.00	.....
Standard ¹⁹				6,540.00	6,870.00
Trucks:					
2-ton, cab and chassis, each ²⁰	3,620.00	7,330.00	8,410.00	9,180.00	10,500.00
¾-ton pickup ²¹	2,350.00	4,970.00	5,400.00	5,800.00	6,310.00
Tractors:					
Wheel, 30–39 maximum P.T.O. horsepower, each ..	3,700.00	6,180.00	6,570.00	7,070.00	7,690.00
Wheel, 50–59 maximum P.T.O. horsepower, each ..	5,440.00	8,700.00	9,260.00	10,030.00	10,870.00
Wheel, 90–99 maximum P.T.O. horsepower, each ..	.....	16,600.00	17,300.00	19,000.00	.....
Farm machinery:					
Plows, moldboard, 2-bottom, each	362.00	677.00	722.00	.....	.....
Plows, moldboard, 3-bottom, each	606.00	1,270.00	1,450.00	1,660.00	1,620.00
Plows, moldboard, 5-bottom, each .....	.....	3,040.00	3,410.00	3,800.00	4,110.00
Disk harrows, tandem 16-ft., each .....	.....	3,630.00	4,170.00	4,660.00	5,030.00
Disk harrows, tandem, 10-ft., each .....	.....	1,710.00	1,910.00	.....	.....
Spiketooth harrows, steelbar, one section	52.60	103.00	119.00	.....	.....
Cultivators, 4-row, tractor, each	840.00	1,520.00	1,640.00	1,760.00	1,850.00
Corn planters, 4-row, plain, each	878.00	2,890.00	3,390.00	3,690.00	4,030.00
Grain drills, tractor-drawn, 16-tube, plain, each ..	900.00	2,350.00	2,790.00	3,060.00	3,250.00
Grain drills, tractor-drawn, 19-tube, plain, each ²² ..	1,080.00	3,140.00	.....	.....	.....
Mowers, tractor, 7-ft., each	568.00	1,040.00	1,150.00	1,230.00	1,330.00
Pick-up balers, automatic tie, P.T.O., each ²³	2,070.00	3,920.00	4,320.00	4,590.00	4,980.00
Combines, self-propelled:					
Small capacity, each	7,050.00	20,900.00	24,800.00	27,100.00	30,800.00
Medium capacity, each	8,580.00	27,800.00	31,700.00	35,400.00	39,300.00
Large capacity, each	9,840.00	36,400.00	41,900.00	45,600.00	51,500.00
Corn picker-huskers, 2-row, each	3,280.00	6,670.00	7,220.00	7,600.00	8,310.00
Hammer mills, each	323.00	558.00	.....	.....	.....
Single milker units, each	157.00	280.00	.....	.....	.....
Farm wagons, without box and tires, each	210.00	480.00	521.00	606.00	682.00
Power sprayers, boom type, tr. mtd., each	342.00	912.00	1,050.00	1,110.00	1,270.00
Gas engines, 3-horsepower, each	61.40	105.00	109.00	.....	.....
Electric motors, 1/3-horsepower, each .....	.....	38.60	41.40	45.50	49.80
Farm supplies:					
Axes, single bit, with handle, each ²⁴	6.36	11.90	12.00	.....	.....
Hammers, nail, 16 oz. head, with handle, each ²⁵ ..	4.11	7.11	7.56	8.04	8.68
Pitchfork, 3-time, each	4.96	9.00	9.63	.....	.....
Pitchfork, 4-time, each	5.67	9.97	10.90	11.20	12.40
Hoes, 7-inch blade, each	2.90	5.48	5.96	6.32	6.88
Milk pails, 12 quarts, each	2.72	4.54	4.83	4.85	5.18
Rope, manila, ½-inch, per 100 feet ²⁶ .....	.890	1.66	1.77	18.20	18.80
Binder twine, per pound .....	.264	.816	.729	.....	.....
Baler twine, per 40-pound bale	8.80	31.70	15.50	14.50	14.80
New baskets, round stave, bushel, with cover, per dozen	5.83	10.60	11.10	11.40	12.50
Lead arsenate, per pound .....	.368	.575	.588	.....	.....
Farm services:					
Telephone, per month	5.15	7.87	9.00	9.62	10.40
Fertilizer:					
Mixed fertilizer:					
0–20–20, per ton	65.60	134.00	119.00	118.00	121.00
3–9–9, per ton	60.10	128.00	119.00	116.00	117.00
4–8–12, per ton	55.00	129.00	116.00	117.00	117.00
4–12–12, per ton	43.00	107.00	94.30	.....	.....
5–10–10, per ton	51.40	110.00	98.60	99.50	98.80
5–10–15, per ton	45.80	110.00	95.50	100.00	100.00
5–20–20, per ton	74.20	153.00	128.00	128.00	128.00
6–24–24, per ton	85.00	172.00	145.00	145.00	148.00
10–10–10, per ton	62.60	128.00	112.00	112.00	111.00
12–12–12, per ton	70.40	149.00	123.00	127.00	129.00
18–46–0, per ton	108.00	240.00	183.00	184.00	186.00
Nitrate of soda, per ton	60.10	195.00	152.00	147.00	146.00
Sulphate of ammonia, per ton	54.80	137.00	96.50	102.00	111.00
Ammonium nitrate, per ton	73.70	171.00	136.00	143.00	138.00
Superphosphate, 20% P ₂ O ₅ , per ton	42.10	111.00	95.20	102.00	106.00
Superphosphate, 46% P ₂ O ₅ , per ton	82.20	197.00	152.00	148.00	.....
Superphosphate, 44–46% P ₂ O ₅ , per ton .....	.....	.....	.....	.....	152.00
Phosphate rock, per ton	22.00	48.60	.....	.....	.....
Ammonium phosphate, 16-20, per ton	80.20	187.00	158.00	153.00	156.00
Muriate of potash, 60% K ₂ O, per ton	52.20	98.20	95.10	95.30	98.20
Agricultural limestone, spread on field, per ton ..	5.18	8.96	9.00	9.97	10.50

See footnotes at end of table.

Table 652.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1975-78^{1 2}—Continued

Commodity and unit	1967	1975	1976	1977	1978
Livestock:					
Feeders and stockers:					
Cattle and calves, per 100 pounds	<i>Dollars</i> 24.60	<i>Dollars</i> 29.60	<i>Dollars</i> 35.80	<i>Dollars</i> 37.00	<i>Dollars</i> 54.60
Lambs, per 100 pounds	21.30	41.90			
Pigs (40-60 lbs. av.), per 100 pounds	33.50	89.80	78.30	76.50	99.60
Baby chicks, straight run, per 100	11.40	14.50	15.60	16.00	16.30
Turkey poults, each	.557	.703	.701	.727	.737
Feed:					
Alfalfa hay, baled, per ton	34.10	66.20	72.20	74.20	
Other hay, baled, per ton	32.30	56.10	61.20	60.30	
Cottonseed meal, 41% per 100 pounds	5.35	9.09	10.50	11.40	10.70
Soybean meal, 44% per 100 pounds	5.36	8.87	10.70	12.90	11.70
Tankage, per 100 pounds	6.31	10.50			
Bran, per 100 pounds	3.62	7.28	7.52	7.50	7.37
Middlings, per 100 pounds	3.72	7.14	7.40	7.37	7.30
Mill run, per 100 pounds	3.33	7.01			
Cornmeal, per 100 pounds	3.42	7.07	6.74	5.74	5.86
Hominy feed, per 100 pounds	3.50	6.55			
Layer feed, per ton ²⁷	86.00	147.00	151.00	152.00	152.00
Broiler grower, per ton ²⁷	93.00	163.00	168.00	171.00	169.00
Chick starter, per ton ²⁷	97.00	166.00	173.00	175.00	174.00
Dairy feed:					
14 percent protein, per ton	69.00	133.00	135.00	133.00	129.00
16 percent protein, per ton	75.00	135.00	141.00	140.00	138.00
18 percent protein, per ton	77.00	138.00			149.00
20 percent protein, per ton	82.00	142.00			150.00
32 percent protein, per ton		173.00	192.00	208.00	203.00
40 percent and over protein, per ton		190.00			
Stock salt, per 100 pounds	1.70	2.85	3.10	3.51	3.89
Seeds:					
Barley, per bushel	2.01	5.48	5.02	4.45	4.40
Corn, hybrid, per bushel	12.90	36.50	36.50	40.00	43.00
Oats, per bushel	1.61	4.20	3.58	3.65	3.18
Potatoes, per 100 pounds	3.38	5.30	7.40	5.63	5.00
Rye, per bushel	2.48	5.90	6.00	5.20	4.90
Soybeans, per bushel	4.40	10.50	7.40	13.00	11.50
Wheat, per bushel	2.73	6.90	6.25	4.80	5.50
Grain sorghum, hybrid, per 100 pounds	19.20	36.50	37.50	41.00	43.00
Alfalfa, uncertified, per 100 pounds	50.60	111.00	110.00	156.00	166.00
Alfalfa, certified, per 100 pounds	60.20	136.00	130.00	180.00	192.00
Alsike clover, per 100 pounds	32.50	66.00	67.00	88.80	65.50
Red clover, per 100 pounds	40.30	103.00	95.00	109.00	124.00
Sweetclover, per 100 pounds	17.20	35.00	36.00	38.50	39.00
Lespedeza, Korean, per 100 pounds	22.40	59.50	48.00	62.50	74.00
Sudagrass, per 100 pounds	13.20	27.30	28.00	34.50	32.00
Timothy, per 100 pounds	22.30	47.00	43.00	67.50	111.00

¹ Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.

² Family living surveys for food, clothing, and household furnishings were discontinued in 1977.

³ No. 2 and better prior to 1971.

⁴ Under No. 2 prior to 1971.

⁵ Standard and better, or No. 2 and better, 1-inch, random widths prior to 1978.

⁶ Includes "utility" and "economy."

⁷ "Interior insulating board" prior to 1969; "Insulating sheathing (asphalt treated)," 1969-75.

⁸ "Iron pipe, galvanized, 1 1/4-inch diameter" prior to 1976.

⁹ "Plastic tubing, 1-inch, per foot" prior to 1976.

¹⁰ "Gasoline, regular, service station" prior to 1978.

¹¹ "Gasoline, regular, bulk delivery" prior to 1978.

¹² Prior to 1977, based on annual survey made in July and August, reporting data for most recent bill, usually purchased during April, May, or June.

¹³ 54 plates, 12-volt prior to 1977.

¹⁴ 7.75/7.50-14 prior to 1970; 7.75-15, 1970-72.

¹⁵ Current coverage includes Chevrolet Nova, Ford Granada and Plymouth Volare.

¹⁶ Current coverage includes Chevrolet Malibu Classic, Ford LTD II, and Plymouth Fury.

¹⁷ Current coverage includes Chevrolet Impala, Ford LTD, and Plymouth Gran Fury Brougham.

¹⁸ Current coverage includes Pontiac Catalina and Buick LeSabre.

¹⁹ Current coverage includes Chevrolet Impala, Ford LTD and Buick LeSabre Limited.

²⁰ Coverage includes Ford and Chevrolet.

²¹ Coverage includes Ford, Chevrolet, and Dodge, also included International prior to 1976. Size was 1/2-ton prior to 1974.

²² 20-tube prior to 1969

²³ "Conventional size bales, under 200 lbs." added in 1976.

²⁴ "Axes, with handle, each" prior to 1976.

²⁵ "Hammers, nail, with handle, each" prior to 1976.

²⁶ "Rope, manila, per pound" prior to 1977.

²⁷ Specifications call for "complete feed."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 653. — Agricultural commodity support

Commodity and unit	1964	1965	1966	1967	1968	1969	1970
MANDATORY³							
Basic commodities:							
Corn:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Support level ⁴ bushel . .	1.25	1.25	1.30	1.35	1.35	1.35	1.35
Loan rate do	1.10	1.05	1.00	1.05	1.05	1.05	1.05
Cotton:							
American upland: ⁶							
Support level ⁴ pound . .	.3350	.3335	.3042	.3178	.3249	.3498	.3705
Loan rate ⁷ do . . . . .	.3000	.2900	.2100	.2025	.2025	.2025	.2025
Extra-long staple:							
Support level ⁴ do . . . . .	.4925	.4925	.4925	.4700	.4869	.4888	.4979
Loan rate do . . . . .	.4925	.4925	.4925	.4700	.4000	.4000	.4050
Peanuts do . . . . .	.112	.112	.1135	.1135	.1201	.1238	.1275
Rice:							
Support level ⁴ cwt							
Loan rate do	4.71	4.50	4.50	4.55	4.60	4.72	4.86
Wheat:							
Support level ⁴ bushel . .	2.00	2.00	2.57	2.61	2.63	2.77	2.82
Loan rate do	1.30	1.25	1.25	1.25	1.25	1.25	1.25
Tobacco:							
Flue-cured, types 11-14 pound . .	.572	.577	.588	.599	.616	.638	.666
Fire-cured, types 21-23 do . . . . .	.400	.404	.411	.419	.431	.446	.466
Burley, type 31 do . . . . .	.589	.595	.606	.618	.635	.658	.686
Maryland, type 32 do . . . . .	.523	.528					
Dark air-cured, types 35-36 do . . . . .	.355	.359	.366	.373	.383	.397	.414
Virginia sun-cured, type 37 do . . . . .	.355	.359	.366	.373	.383	.397	.414
Cigar filler, Puerto Rican, type 46 do . . . . .	.306	.309	.315	.321	.330	.342	.356
Cigar binder, types 51-52 do . . . . .	.408	.412	.420	.428	.440	.455	.475
Ohio-Miami filler, types 42 44 do . . . . .	.295	.297	.303	.309	.317	.329	.343
Nonbasic commodities:							
Butterfat do . . . . .	.580	.594	.680	.680	.660	.686	.715
Milk for manufacturing cwt . .	3.15	3.24	4.00	4.00	4.23	4.23	4.66
Honey, wholesale, extracted pound . .	.112	.112	.114	.125	.125	.130	.130
Mohair do . . . . .	.72	.72	.758	.764	.774	.774	.802
Tung nuts ton	63.34	63.34	63.34	63.34	64.22	68.25	70.85
Wool pound . . . . .	.62	.62	.65	.66	.67	.69	.72
Barley: ¹⁰							
Support level ⁴ bushel . .	.96	.96	1.00	.90	.90	1.03	1.03
Loan rate do . . . . .	.84	.80	.80	.90	.90	.83	.83
Sorghum grain: ¹⁰							
Support level ⁴ cwt	2.00	2.00	2.05	2.14	2.14	2.14	2.14
Loan rate do	1.77	1.65	1.52	1.61	1.62	1.61	1.61
Oats ¹⁰ bushel . . . . .	.65	.60	.60	.63	.63	.63	.63
Rye ¹⁰ do	1.07	1.02	1.02	1.02	1.02	1.02	1.02
NONMANDATORY							
Nonbasic Commodities:							
Beans, dry edible cwt	6.32	6.32	6.33	6.37	6.38	6.39	6.40
Cottonseed ¹³ ton	44.00	43.00	48.00	48.00	48.00	37.00	37.00
Flaxseed bushel	2.90	2.90	2.90	2.90	2.90	2.75	2.50
Soybeans do	2.25	2.25	2.50	2.50	2.50	2.25	2.25

¹ National averages during the marketing years for the individual crops, beginning in the years shown.

² Support level for 1974, 1975, 1976, 1977, 1978, and 1979 represents the statutory established price (the so-called target price) except for extra-long staple cotton.

³ Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

⁴ Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

⁶ Preliminary.

⁷ 1-inch middling.

prices per unit, United States, 1964-79¹

1971	1972	1973	1974 ²	1975 ²	1976 ²	1977 ²	1978 ²	1979 ²
<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1.35	1.41	1.64	1.38	1.38	1.57	2.00	2.10	⁶ 2.20
1.05	1.05	1.05	1.10	1.10	1.50	2.00	2.00	2.00
.3500	.3585	.4152	.3800	.3900	.4320	.4780	.5200	.5770
.1950	.1950	.1950	.2526	.3427	.3712	.4258	.4800	.5023
.5109	.5135	.5421	.6058	.7410	.7475	.7670	.8320	.9295
.3840	.3850	.3820	.4972	.6774	.7324	.7670	.8320	.9295
.1342	.1425	.1642	.1830	.1972	.2070	.2153	.2100	.2100
5.07	5.27	6.07	7.54	8.52	8.25	8.25	8.57	⁶ 9.05
					6.19	6.19	6.40	6.79
2.93	3.02	3.39	2.05	2.05	2.29	⁸ 2.90	3.40	3.40
1.25	1.25	1.25	1.37	1.37	2.25	2.25	2.35	2.35
.694	.727	.766	.833	.932	1.060	1.138	1.210	1.293
.485	.508	.535	.582	.652	.741	.795	.846	.904
.715	.749	.789	.858	.961	1.093	1.173	1.247	1.333
.431	.452	.476	.518	.580	.659	.707	.752	.804
.431	.452	.476	.518	.580	.659	.707	.752	.804
.371	.389	.410	.446	.499	.567	.609	.647	.692
.495	.519	.546	.594	.665	.756	.812	.863	.923
.358	.375	.395	.429	.480	.546	.586	.623	.667
(⁹)								
4.93	4.93	5.29	6.57	7.24	8.13	9.00	9.87	10.76
.140	.140	.161	.206	.255	.294	.327	.368	.439
.802	.802	.802	.802	.802	.802	1.498	1.647	1.943
73.45	74.74	74.75	80.60	79.95	80.00			
.72	.72	.72	.72	.72	.72	.99	1.08	1.15
11.81	1.10	1.27	1.13	1.13	1.28	1.39	2.25	⁶ 2.40
.81	.86	.86	.90	.90	1.22	1.63	1.63	1.63
2.21	2.39	2.61	2.34	2.34	2.66	2.89	4.07	⁶ 4.11
1.73	1.79	1.79	1.88	1.88	2.55	2.70	3.39	3.39
.54	.54	.54	.54	.54	.72	1.03	1.03	⁶ 1.03
.89	.89	.89	.89	.89	1.20	1.70	1.70	1.70
6.40	6.40	6.40	6.40	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)
(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)
2.50	2.50	2.50	2.50	(¹²)	(¹²)	(¹²)	4.50	4.50
2.25	2.25	2.25	2.25	(¹²)	2.50	3.50	4.50	4.50

⁷Subsequent to 1970, loans are made on net weight basis rather than gross weight basis.

⁸Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.

⁹Suspended since 1971.

¹⁰Grade No. 2 or better except for oats which is Grade No. 3.

¹¹Payment rate dropped; support level and loan rate are the same.

¹²No support program.

¹³For ginners' purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs

Agricultural Stabilization and Conservation Service.

Table 654. — Farm income: Gross and net income from farming, United States, 1964–78

Year	Gross income								Production expenses	Net income of farm operators		
	Cash receipts			Nonmoney and other farm income						Total	Current dollars	1967 dollars
	Farm marketings	Government payments	Total	Home consumption	Imputed rent	Other farm income	Change in inventory	Total				
Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars		
1964	37,326	2,181	39,507	835	2,443	336	-817	2,797	42,304	31,812	11,294	
1965	39,365	2,463	41,828	811	2,481	387	1,042	4,721	46,549	33,650	13,650	
1966	43,435	3,277	46,712	824	2,599	416	-83	3,756	50,468	36,508	14,362	
1967	42,817	3,079	45,896	736	2,747	484	657	4,624	50,520	38,181	12,339	
1968	44,183	3,462	47,645	719	2,838	521	124	4,202	51,847	39,525	11,825	
1969	48,179	3,794	51,973	731	3,046	559	99	4,435	56,408	42,115	13,397	
1970	50,539	3,717	54,256	751	3,019	543	6	4,319	58,575	44,424	12,168	
1971	52,859	3,145	56,004	732	3,226	641	1,397	5,996	62,000	47,367	14,633	
1972	61,190	3,961	65,151	831	3,474	663	861	5,829	70,980	52,315	18,665	
1973	87,068	2,607	89,675	1,104	3,913	813	3,406	9,236	98,911	65,562	14,896	
1974	92,449	531	92,980	1,295	4,687	989	-1,611	5,360	98,340	72,210	25,056	
1975	88,209	807	89,016	1,269	5,420	1,233	3,400	11,322	100,338	75,863	24,475	
1976	94,780	734	95,514	1,334	5,973	1,357	-2,366	6,298	101,812	83,130	15,183	
1977	95,654	1,819	97,473	1,293	7,151	1,561	1,057	11,062	108,535	88,776	10,957	
1978 ¹	111,042	3,030	114,072	1,394	7,747	1,701	1,062	11,904	125,976	98,096	19,759	
									27,880		14,268	

Economics, Statistics, and Cooperatives Service — Economics.

¹ Preliminary.

Table 655.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1964–78

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry ¹	Wool	Other livestock and products ²	Total livestock and products
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	7,785	3,034	318	5,027	1,770	1,156	455	113	290	19,948
1965	8,942	3,607	329	5,038	1,785	1,304	494	95	292	21,886
1966	10,430	4,169	333	5,533	2,106	1,471	569	101	314	25,026
1967	10,550	3,809	302	5,742	1,765	1,314	543	75	283	24,383
1968	11,264	3,795	315	5,957	1,893	1,415	490	72	286	25,487
1969	12,572	4,742	343	6,196	2,212	1,635	530	70	273	28,573
1970	13,633	4,508	334	6,525	2,110	1,564	576	57	256	29,563
1971	15,043	4,153	319	6,811	1,794	1,583	586	31	263	30,583
1972	18,246	5,376	352	7,135	1,820	1,752	630	56	303	35,670
1973	22,410	7,604	389	8,080	2,975	2,906	1,054	120	398	45,936
1974	17,819	6,975	370	9,445	2,881	2,568	808	79	414	41,359
1975	17,524	7,883	385	9,923	2,814	3,063	933	54	480	43,059
1976	19,302	7,261	392	11,428	3,136	3,058	969	73	493	46,112
1977	20,222	7,230	391	11,752	2,918	3,239	1,069	77	534	47,432
1978 ³	28,109	8,801	462	12,724	2,963	3,854	1,334	75	669	58,991

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables ⁴	Other crops ⁵	Total crops
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	1,993	3,446	2,521	2,145	1,414	1,801	2,314	1,744	17,378
1965	2,042	3,693	2,330	2,173	1,186	1,650	2,618	1,787	17,479
1966	2,373	4,334	1,588	2,703	1,211	1,747	2,612	1,841	18,409
1967	2,361	4,393	1,095	2,795	1,391	1,817	2,680	1,932	18,434
1968	2,088	4,311	1,316	2,845	1,173	2,043	2,893	2,027	18,696
1969	2,215	4,576	1,364	3,049	1,296	2,171	2,842	2,093	19,606
1970	2,542	5,109	1,254	3,590	1,388	2,070	2,814	2,209	20,976
1971	2,485	5,525	1,487	3,789	1,328	2,311	3,011	2,340	22,276
1972	3,498	5,854	1,842	4,393	1,442	2,557	3,286	2,648	25,520
1973	7,194	10,605	2,798	7,580	1,570	3,444	4,351	3,590	41,132
1974	8,511	13,959	2,893	9,965	2,097	3,435	5,329	4,901	51,090
1975	7,760	12,150	2,311	7,273	2,155	3,525	5,350	4,626	45,150
1976	6,896	13,075	3,476	9,406	2,310	3,646	5,242	4,617	48,668
1977	6,041	11,885	3,470	9,537	2,331	4,341	5,659	4,958	48,222
1978 ³	5,927	10,871	3,429	11,987	2,549	5,451	6,083	5,754	52,051

¹Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.²Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.³Preliminary.⁴Includes melons.⁵Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seeds, and flax fiber.

Economics, Statistics, and Cooperatives Service—Economics.

Table 656. — Farm income: Cash receipts from farming and value of home consumption, by States, 1978 (preliminary)

State	Cash receipts from farming				Value of home consumption ¹				Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala	1,189,130	706,182	1,895,312	31,734	1,927,046	30,203	15,381	45,584	1,972,630
Alaska . .	4,239	7,582	11,821	192	12,013	450	89	539	12,552
Ariz	717,888	753,331	1,471,219	9,172	1,480,391	4,694	6,153	10,847	1,491,238
Ark	1,399,120	1,278,891	2,678,011	24,491	2,702,502	19,922	11,667	31,589	2,734,091
Calif . . .	3,414,135	6,954,451	10,368,586	56,760	10,425,346	34,715	6,145	40,860	10,466,206
Colo	2,074,248	560,481	2,634,729	80,422	2,715,151	12,721	912	13,633	2,728,784
Conn . . .	140,494	89,504	229,998	425	230,423	2,235	1,596	3,831	234,254
Del	218,027	101,785	319,812	3,435	323,247	1,194	262	1,456	324,703
Fla	855,763	2,382,628	3,238,391	10,311	3,248,702	10,278	6,664	16,942	3,265,644
Ga	1,467,764	1,075,540	2,543,304	55,014	2,598,318	19,486	16,631	36,117	2,634,435
Hawaii . .	72,571	307,792	380,363	799	381,162	2,006	0	2,006	383,168
Idaho . . .	618,233	815,413	1,433,646	63,499	1,497,145	11,932	2,152	14,084	1,511,229
Ill	2,138,712	3,984,554	6,123,266	102,775	6,226,041	26,618	7,821	34,439	6,260,480
Ind	1,556,721	1,921,466	3,478,187	53,368	3,531,555	23,587	10,089	33,676	3,565,231
Iowa . . .	5,418,191	2,809,515	8,227,706	270,987	8,498,693	68,581	9,237	77,818	8,576,511
Kans . . .	2,955,573	1,490,243	4,445,816	300,926	4,746,742	20,049	3,996	24,045	4,770,787
Ky	999,796	1,040,131	2,039,927	12,633	2,052,560	48,189	25,410	73,599	2,126,159
La	438,782	980,969	1,419,751	15,745	1,435,496	15,269	5,850	21,119	1,456,615
Maine . . .	286,548	123,941	410,489	3,749	414,238	3,741	2,372	6,113	420,351
Md	511,360	259,166	770,526	6,993	777,519	6,703	1,753	8,456	785,975
Mass . . .	112,109	129,897	242,006	773	242,779	2,476	896	3,372	246,151
Mich . . .	997,659	1,129,132	2,126,791	45,510	2,172,301	21,354	11,269	32,623	2,204,924
Minn . . .	2,591,082	2,260,856	4,851,938	164,345	5,016,283	46,774	13,703	60,477	5,076,760
Miss . . .	906,765	1,091,783	1,998,548	29,550	2,028,098	16,825	17,385	34,210	2,062,308
Mo	2,098,566	1,477,136	3,575,702	72,277	3,647,979	55,412	16,976	72,388	3,720,367
Mont . . .	682,774	548,876	1,231,650	137,237	1,368,887	13,380	1,619	14,999	1,383,886
Nebr . . .	3,098,159	1,633,441	4,731,600	268,648	5,000,248	20,171	3,696	23,867	5,024,115
Nev	125,945	42,073	168,018	3,353	171,371	3,833	103	3,936	175,307
N.H	61,376	25,305	86,681	886	87,567	1,494	988	2,482	90,049
N.J	104,402	268,037	372,439	1,957	374,396	2,775	1,029	3,804	378,200
N. Mex . .	751,236	213,026	964,262	29,201	993,463	6,221	1,566	7,787	1,001,250
N.Y	1,347,279	571,558	1,918,837	22,475	1,941,312	19,047	10,808	29,855	1,971,167
N.C	1,296,758	1,939,441	3,236,199	34,758	3,270,957	38,304	44,358	82,662	3,353,619
N. Dak . .	529,413	1,336,987	1,866,400	278,179	2,144,579	18,090	2,272	20,362	2,164,941
Ohio . . .	1,272,294	1,730,369	3,002,663	24,305	3,026,968	29,362	12,530	41,892	3,068,860
Okla . . .	1,675,078	704,381	2,379,459	102,604	2,482,063	29,513	6,244	35,757	2,517,820
Oreg . . .	455,625	812,748	1,268,373	30,416	1,298,789	29,983	4,111	34,094	1,332,883
Pa	1,510,678	641,631	2,152,309	12,659	2,164,968	47,415	7,120	54,535	2,219,503
R.I	12,379	17,678	30,057	62	30,119	216	84	300	30,419
S.C	373,199	605,398	978,597	20,998	999,595	11,935	8,511	20,446	1,020,041
S. Dak . .	1,530,079	555,342	2,085,421	127,155	2,212,576	17,452	1,905	19,357	2,231,933
Tenn . . .	868,369	757,069	1,625,438	15,464	1,640,902	30,318	24,449	54,767	1,695,669
Tex	4,646,194	2,901,779	7,547,973	318,843	7,866,816	22,450	13,505	35,955	7,902,771
Utah . . .	352,199	104,527	456,726	20,245	476,971	5,120	940	6,060	483,031
Vt	287,070	21,933	309,003	4,538	313,541	3,944	2,763	6,707	320,248
Va	707,239	524,246	1,231,485	26,712	1,258,197	23,821	18,272	42,093	1,300,290
Wash . . .	561,739	1,562,397	2,124,136	68,791	2,192,927	46,517	5,773	52,290	2,245,217
W. Va . .	139,572	47,384	186,956	3,212	190,168	13,307	4,716	18,023	208,191
Wis	2,970,855	673,551	3,644,406	44,116	3,688,522	52,049	22,625	74,674	3,763,196
Wyo	447,374	79,782	527,156	17,305	544,461	6,805	382	7,187	551,648
U.S . . .	58,990,761	52,051,328	111,042,089	3,030,004	114,072,093	998,936	394,778	1,393,714	115,465,807

¹ Value of farm products consumed directly in farm households where produced.

Economics, Statistics, and Cooperatives Service — Economics.

Table 657.—Personal income: Total and per capita, by residence, United States, 1964–78

Year	Personal income of—					Per capita disposable personal income of—			Per capita disposable income, all sources (farm as percentage of nonfarm)
	Farm population			Nonfarm population from all sources	Total population	Farm population from all sources	Nonfarm population from all sources	Total population from all sources	
	From farm sources ¹	From nonfarm sources ²	From all sources						
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>
1964	10,012	9,743	19,755	475,896	495,651	1,394	2,341	2,278	59.5
1965	11,968	10,627	22,595	514,436	537,031	1,692	2,480	2,430	68.2
1966	12,608	11,205	23,813	561,062	584,875	1,894	2,641	2,597	71.7
1967	11,117	11,737	22,854	603,772	626,626	1,925	2,788	2,740	69.0
1968	11,271	12,828	24,099	661,121	685,220	2,099	2,976	2,930	70.5
1969	12,927	13,929	26,856	718,971	745,827	2,332	3,152	3,111	74.0
1970	13,005	14,473	27,478	773,793	801,271	2,520	3,389	3,348	74.1
1971	13,484	15,346	28,830	830,262	859,092	2,722	3,629	3,588	75.0
1972	16,856	17,751	34,607	907,929	942,536	3,244	3,865	3,837	83.9
1973	29,230	19,690	48,920	1,003,520	1,052,440	4,700	4,266	4,285	110.2
1974	23,353	21,798	45,151	1,109,785	1,154,936	4,355	4,660	4,646	93.5
1975	21,888	22,660	44,548	1,210,938	1,255,486	4,520	5,113	5,088	88.4
1976	16,765	23,500	40,265	1,341,345	1,381,610	4,314	5,553	5,504	77.7
1977	18,015	24,920	42,935	1,488,641	1,531,576	4,946	6,058	6,017	81.6
1978 ³	25,163	28,787	53,950	1,663,449	1,717,399	6,069	6,696	6,672	90.6

¹Includes returns from farming operations to resident farm operators for their capital, labor, and management, after deduction of farm production expenses (there is no allowance in the item "farm production expenses" for a return on investment in farm capital). Also includes farm wages and other labor income received by hired farm-resident workers.

²Includes all income received by farm residents from nonfarm sources such as wages and salaries from nonfarm employment, nonfarm business and professional income, rents from nonfarm real estate, dividends, interest, royalties, unemployment compensation, and Social Security payments.

³Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 658.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1964–77¹

Year	Number	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	\$15,000 to \$24,999	\$25,000 or more	Median income
	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>
1964	3,098	11.0	15.2	16.5	21.0	15.5	11.9	6.7	2.2	.....	.....	3,558
1965	2,953	8.6	14.5	14.0	22.6	16.5	12.5	7.1	4.0	.....	.....	4,119
1966	2,697	6.5	10.7	12.8	21.8	19.3	15.3	9.5	4.3	.....	.....	4,841
1967	2,683	6.2	9.5	11.2	22.3	16.9	16.9	10.9	6.1	.....	.....	5,086
1968	2,630	5.4	7.3	9.9	20.3	17.2	19.4	14.0	6.4	.....	.....	5,769
1969	2,457	4.5	6.8	8.7	18.4	16.3	17.8	18.1	9.6	.....	.....	6,385
1970	2,347	5.9	6.2	7.8	16.3	15.9	18.5	17.5	12.2	.....	.....	6,773
1971	2,593	5.0	5.1	7.9	15.8	14.9	18.1	19.1	14.2	.....	.....	7,192
1972	2,513	3.6	4.0	4.6	13.9	13.1	17.8	21.0	.....	16.8	5.3	8,849
1973	2,542	2.6	3.5	3.9	11.6	12.4	15.8	22.0	.....	19.4	8.9	10,045
1974	2,392	7.2	.....	4.0	9.0	11.2	15.4	20.5	.....	22.0	10.7	10,612
1975	2,200	5.5	.....	3.9	11.0	9.9	16.2	19.9	.....	22.2	11.4	10,845
1976	2,184	6.7	.....	2.9	8.6	9.8	14.1	19.5	.....	23.5	14.9	11,663
1977	2,172	8.3	.....	2.2	7.8	9.3	11.5	18.9	.....	24.2	17.8	12,637

¹Family refers to two or more persons related by blood, marriage, or adoption, and residing together on a farm. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

Economics, Statistics, and Cooperatives Service—Economics. Estimates from P-60 series of the Bureau of the Census.

Table 659.—Farm income: Number of farms and average farm income per farm, United States, 1964–78¹

Year	Number of farms	Cash receipts from farming			Gross farm income	Production expenses	Farm operator family income		
		Farm marketings	Government payments	Total			Net from farming	Off farm	Total
	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	3,457	10.8	0.6	11.4	12.2	9.2	3.0	3.4	6.4
1965	3,356	11.7	.7	12.5	13.9	10.0	3.8	3.8	7.6
1966	3,257	13.3	1.0	14.3	15.5	11.2	4.3	4.3	8.5
1967	3,162	13.5	1.0	14.5	16.0	12.1	3.9	4.6	8.5
1968	3,071	14.4	1.1	15.5	16.9	12.9	4.0	5.0	9.0
1969	3,000	16.1	1.3	17.3	18.8	14.0	4.8	5.5	10.3
1970	2,949	17.1	1.3	18.4	19.9	15.1	4.8	5.9	10.7
1971	2,902	18.2	1.1	19.3	21.4	16.3	5.0	6.5	11.5
1972	2,860	21.4	1.4	22.8	24.8	18.3	6.5	7.2	13.7
1973	2,823	30.8	.9	31.8	35.0	23.2	11.8	8.4	20.2
1974	2,795	33.1	.2	33.3	35.2	25.8	9.3	9.5	18.8
1975	2,767	31.9	.3	32.2	36.3	27.4	8.8	9.9	18.8
1976	2,738	34.6	.3	34.9	37.2	30.4	6.8	11.1	17.9
1977	2,706	35.3	.7	36.0	40.1	32.8	7.3	11.8	19.1
1978 ²	2,672	41.6	1.1	42.7	47.1	36.7	10.4	12.8	23.3

¹Gross farm income and net income from farming includes adjustment for value of change in farm inventories. Totals may not add due to rounding.

²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 660.—Expenses: Farm production expenses, United States, 1964–78

Year	Feed purchased	Livestock purchased	Seed purchased ¹	Fertilizer and lime	Repairs and operation of capital items ²	Depreciation and other consumption of farm capital ³	Hired labor ⁴	Taxes on farm property ⁵	Interest on farm mortgage debt ⁶	Net rent to non-operator landlords	Miscellaneous ⁷	Total production expenses
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	5,512	2,419	661	1,888	3,931	4,903	3,483	1,798	952	1,655	4,610	31,812
1965	5,674	2,912	720	1,994	3,943	5,111	3,604	1,874	1,075	1,886	4,857	33,650
1966	6,401	3,544	760	2,219	4,164	5,384	3,683	2,002	1,198	2,023	5,130	36,508
1967	6,646	3,431	814	2,429	4,409	5,781	3,723	2,122	1,325	1,882	5,619	38,181
1968	6,357	3,676	831	2,434	4,387	6,200	3,920	2,298	1,472	1,999	5,951	39,525
1969	7,100	4,225	871	2,312	4,507	6,574	4,152	2,456	1,625	2,061	6,232	42,115
1970	8,028	4,324	927	2,390	4,539	6,760	4,349	2,596	1,764	2,132	6,615	44,424
1971	8,049	5,123	1,072	2,633	4,707	7,350	4,367	2,704	1,905	2,246	7,211	47,367
1972	8,397	6,668	1,115	2,690	4,708	7,887	4,594	2,815	2,132	3,491	7,818	52,315
1973	13,224	8,065	1,617	3,354	5,229	8,945	5,232	2,886	2,495	5,679	8,836	65,562
1974	14,513	5,131	2,082	5,808	6,659	10,563	6,036	3,096	3,044	5,100	10,178	72,210
1975	12,647	4,950	2,293	6,383	7,806	12,586	6,357	3,333	3,421	4,600	11,487	75,863
1976	14,370	5,871	2,537	6,141	9,096	13,813	7,037	3,607	3,852	4,220	12,586	83,190
1977	13,993	6,980	2,856	6,152	10,120	15,156	7,452	3,940	4,352	4,058	13,717	88,776
1978 ⁸	14,439	9,967	3,080	6,335	10,835	16,648	7,691	4,226	5,232	4,713	14,930	98,096

¹Includes bulbs, plants, and trees.

²Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery.

³Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year.

⁴Includes cash wages, perquisites, and Social Security taxes paid by employers.

⁵Includes taxes levied against farm real estate and farm personal property.

⁶Interest charges payable during the calendar year on outstanding farm-mortgage debt.

⁷Includes interest on nonreal estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (including blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous.

⁸Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 661.—Labor: Total hours used for farm work, by enterprise groups, United States, 1964–78

Year	All farm work ¹	Livestock and livestock products				Crops									
		All ²	Meat animals ³	Milk cows	Poultry ⁴	All crops ⁽⁵⁾	Feed grains ⁽⁶⁾	Hay and forage ⁷	Food grains ⁽⁸⁾	Vegetables ⁽⁹⁾	Fruits and nuts ⁽¹⁰⁾	Sugar crops ⁽¹¹⁾	Cotton	Tobacco	Oil crops ⁽¹²⁾
	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>
1964	8,194	3,181	1,191	1,360	459	3,867	503	496	177	403	448	95	573	546	189
1965	7,335	2,969	1,107	1,250	444	3,416	502	410	176	407	454	85	482	468	203
1966	6,858	2,828	1,092	1,133	438	3,142	496	372	173	404	429	82	308	440	210
1967	6,677	2,706	1,078	1,039	426	3,104	517	356	203	406	446	75	240	409	223
1968	6,416	2,571	1,050	961	399	3,013	481	343	196	408	432	77	267	350	229
1969	6,198	2,423	1,008	876	380	2,973	469	339	172	371	480	78	265	341	229
1970	5,896	2,344	997	817	373	2,788	425	339	152	359	452	74	244	308	205
1971	5,741	2,239	962	767	354	2,757	438	338	166	349	471	70	232	263	200
1972	5,433	2,108	905	720	328	2,621	376	311	166	346	435	75	239	241	202
1973	5,321	1,964	850	661	300	2,667	386	310	178	351	477	69	188	245	234
1974	5,178	1,850	812	612	274	2,657	369	298	212	357	470	66	183	261	211
1975	4,990	1,700	730	569	251	2,644	376	287	222	355	491	73	106	286	219
1976	4,807	1,609	693	531	236	2,576	376	285	226	338	473	69	112	271	197
1977	4,650	1,517	654	493	222	2,531	369	270	207	340	482	61	105	243	224
1978 ¹³ . . .	4,431	1,414	608	449	209	2,444	353	262	187	334	464	61	80	236	238

¹ Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmwoods, pastures, general land maintenance, farm business, and other miscellaneous work. Excludes labor used on horses and mules and farm gardens after 1964.

² Excludes horses and mules; includes wool and minor livestock which are excluded from separate enterprises shown.

³ Cattle and calves, sheep and lambs, and hogs.

⁴ Chickens, broilers, and turkeys.

⁵ Includes hay seeds, pasture seeds, and cover-crop seeds; farm gardens (excluded after 1964); and minor crops which are excluded from separate crops shown.

⁶ Corn for grain, oats, barley, and sorghum grain.

⁷ All hay, corn silage, and sorghum forage and silage.

⁸ All wheat, rye, and rice. Buckwheat was excluded after 1964.

⁹ Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops.

¹⁰ Fruits, berries, and tree nuts.

¹¹ Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products.

¹² Soybeans, peanuts, flaxseed, and for 1964, tung nuts.

¹³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 662.—Fertilizers: Quantities¹ of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1976–78

State or possession and period	Com- mercial fertilizer	Nitro- gen (N)	Avail- able phos- phoric oxide (P ₂ O ₅)	Potash (K ₂ O)	State or possession and period	Com- mercial fertilizer	Nitro- gen (N)	Avail- able phos- phoric oxide (P ₂ O ₅)	Potash (K ₂ O)
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Ala.: 1976 1977 1978	1,032,615 1,175,714 1,066,974	176,907 188,289 161,706	99,509 114,510 108,967	112,173 132,312 127,476	Ky.: 1976 ... 1977 ... 1978 ...	1,015,750 1,134,335 986,608	152,172 182,772 157,745	130,792 150,456 132,950	148,337 169,690 158,032
Alaska: 1976 1977 1978	4,756 9,780 5,430	988 1,833 1,019	729 1,346 872	502 1,155 623	La.: 1976 ... 1977 ... 1978 ...	633,320 667,918 653,773	125,760 124,337 115,996	60,827 68,438 71,279	64,531 75,368 79,431
Ariz.: 1976 1977 1978	329,123 361,840 302,070	104,602 109,970 93,804	37,615 41,458 29,604	605 1,199 1,801	Maine: 1976 ... 1977 ... 1978 ...	124,412 124,125 113,330	14,364 14,253 13,346	17,307 17,046 15,003	17,338 16,856 15,673
Ark.: 1976 1977 1978	716,673 787,358 642,876	156,082 172,971 135,042	71,808 78,422 66,077	84,563 96,170 86,118	Md.: 1976 ... 1977 ... 1978 ...	414,608 505,786 414,178	57,020 70,217 56,553	44,014 59,667 49,906	57,876 73,454 59,789
Calif.: 1976 1977 1978	4,340,629 4,623,425 3,921,945	587,084 596,081 572,397	181,601 213,158 207,959	61,154 69,071 74,441	Mass.: 1976 ... 1977 ... 1978 ...	71,033 68,004 86,503	8,803 9,015 11,501	5,984 5,872 7,644	6,779 6,907 8,552
Colo.: 1976 1977 1978	398,281 355,566 407,937	128,812 118,131 136,804	53,801 43,813 46,802	9,947 11,002 9,440	Mich.: 1976 ... 1977 ... 1978 ...	1,053,817 1,195,006 1,225,687	183,991 217,448 216,222	144,691 161,701 168,474	187,285 219,237 233,884
Conn.: 1976 1977 1978	66,461 63,586 59,963	8,319 8,924 7,780	6,552 5,809 5,311	6,338 4,776 5,134	Minn.: 1976 ... 1977 ... 1978 ...	2,185,578 2,058,038 1,966,306	561,272 521,019 491,719	321,888 295,622 274,678	350,598 360,796 358,038
Del.: 1976 1977 1978	122,200 142,360 110,430	16,939 19,931 15,623	11,991 14,253 11,525	19,448 23,097 17,888	Miss.: 1976 ... 1977 ... 1978 ...	841,547 904,470 791,927	202,914 190,516 168,470	72,059 90,232 77,609	72,675 95,879 92,010
D.C.: 1976 1977 1978	6,749 7,572 7,060	1,058 1,118 851	415 489 501	398 442 395	Mo.: 1976 ... 1977 ... 1978 ...	1,778,568 1,787,656 1,445,212	405,129 406,305 308,592	203,899 211,435 167,802	254,451 268,254 218,608
Fla.: 1976 1977 1978	1,940,105 2,004,586 1,998,828	220,351 248,670 231,905	102,566 112,791 110,951	242,085 249,700 256,432	Mont.: 1976 ... 1977 ... 1978 ...	256,383 302,082 249,922	53,982 64,024 53,982	62,989 74,294 59,816	5,725 8,609 5,298
Ga.: 1976 1977 1978	2,339,176 2,536,631 2,171,534	322,263 349,789 286,794	157,462 180,308 153,337	246,716 273,855 235,884	Nebr.: 1976 ... 1977 ... 1978 ...	1,601,009 1,876,466 1,802,979	652,970 748,938 733,774	148,830 185,950 160,434	55,147 69,736 63,811
Hawaii: 1976 1977 1978	176,735 191,022 193,745	25,161 25,720 28,785	18,092 23,327 29,952	25,029 23,989 23,324	Nev.: 1976 ... 1977 ... 1978 ...	26,494 25,935 27,361	4,983 4,777 5,423	2,957 2,091 1,818	163 159 242
Idaho: 1976 1977 1978	594,934 530,298 608,292	156,189 138,972 160,999	68,355 61,075 64,738	14,535 12,831 15,077	N.H.: 1976 ... 1977 ... 1978 ...	24,505 21,088 24,257	2,667 2,731 3,139	3,275 2,192 2,580	3,181 2,904 3,278
Ill.: 1976 1977 1978	3,994,410 4,333,746 3,622,240	934,518 977,607 792,518	509,022 587,095 460,481	658,275 764,339 665,526	N.J.: 1976 ... 1977 ... 1978 ...	206,785 215,191 185,020	25,289 24,586 23,225	19,632 21,523 17,505	21,292 23,170 20,987
Ind.: 1976 1977 1978	2,372,924 2,907,936 2,791,585	417,645 495,724 504,245	282,648 339,831 324,000	397,466 522,017 468,423	N. Mex.: 1976 ... 1977 ... 1978 ...	120,824 109,825 111,096	36,555 32,283 32,263	16,920 17,646 16,849	1,704 1,612 2,352
Iowa: 1976 1977 1978	3,666,244 3,208,828 3,267,725	1,042,896 852,350 921,084	463,877 417,766 423,895	496,390 478,159 488,147	N.Y.: 1976 ... 1977 ... 1978 ...	564,472 605,308 590,726	77,876 86,756 84,420	73,157 78,471 76,821	74,841 81,420 83,947
Kans.: 1976 1977 1978	1,632,351 1,639,960 1,422,811	644,970 636,832 551,458	198,861 198,828 158,404	48,392 54,701 43,351	N.C.: 1976 ... 1977 ... 1978 ...	2,059,675 2,055,701 1,857,027	254,156 261,778 222,283	161,517 163,898 150,037	224,187 233,117 216,532

See footnotes at end of table.

Table 662.—Fertilizers: Quantities¹ of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1976-78—Continued

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P ₂ O ₅)	Potash (K ₂ O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P ₂ O ₅)	Potash (K ₂ O)
N. Dak.:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	Utah:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1976	630,241	201,185	130,927	18,031	1976 . . .	155,905	33,109	16,617	1,290
1977	667,645	229,102	140,665	18,685	1977 . . .	126,766	23,420	20,973	789
1978	647,280	253,062	120,326	19,285	1978 . . .	110,570	22,355	14,664	2,371
Ohio:					Vt.:				
1976	1,979,643	355,720	275,418	329,812	1976 . . .	56,195	7,650	6,542	7,904
1977	2,048,257	363,480	287,575	351,311	1977 . . .	57,616	7,403	8,556	7,335
1978	1,970,945	347,186	268,700	350,859	1978 . . .	46,043	6,180	5,517	6,469
Okla.:					Va.:				
1976	735,560	229,640	103,303	29,291	1976 . . .	826,474	99,403	71,134	89,432
1977	773,994	256,555	113,231	34,253	1977 . . .	917,220	114,379	78,494	97,476
1978	689,760	243,522	85,839	32,144	1978 . . .	789,233	98,675	72,538	90,081
Oreg.:					Wash.:				
1976	526,002	127,798	40,843	18,494	1976 . . .	756,181	196,097	69,870	27,460
1977	545,476	127,191	50,332	25,550	1977 . . .	708,067	175,144	65,343	30,194
1978	509,234	122,739	42,123	26,787	1978 . . .	790,185	211,019	60,712	32,875
Pa.:					W. Va.:				
1976	719,357	95,675	92,702	89,089	1976 . . .	66,622	8,670	8,924	7,487
1977	683,530	96,809	94,696	88,644	1977 . . .	76,412	10,675	10,843	8,827
1978	664,379	98,158	91,684	90,616	1978 . . .	65,439	8,961	7,889	8,747
R.I.:					Wis.:				
1976	16,456	1,871	1,223	1,321	1976 . . .	1,147,189	171,753	144,348	290,302
1977	18,929	2,275	1,634	1,616	1977 . . .	1,352,257	203,862	165,906	351,855
1978	13,678	1,482	1,336	1,107	1978 . . .	1,442,700	213,979	170,269	380,974
S.C.:					Wyo.:				
1976	929,681	112,624	69,748	112,875	1976 . . .	69,500	21,015	8,308	969
1977	985,174	115,979	77,756	132,977	1977 . . .	76,440	23,282	10,357	1,663
1978	843,712	97,376	66,766	115,994	1978 . . .	65,585	22,009	6,633	756
S. Dak.:					P.R.:				
1976	409,276	112,309	66,128	14,491	1976 . . .	108,736	16,129	6,528	11,547
1977	346,111	95,760	55,857	15,035	1977 . . .	120,084	17,767	6,591	12,874
1978	374,847	104,851	60,797	15,427	1978 . . .	108,245	15,554	6,407	12,098
Tenn.:					Total:				
1976	742,200	109,065	95,460	109,213	1976 . . .	49,189,169	10,411,584	5,227,553	5,209,682
1977	859,067	131,012	122,439	130,322	1977 . . .	51,623,675	10,647,403	5,629,732	5,833,775
1978	797,974	119,551	111,674	134,246	1978 . . .	47,586,805	9,973,491	5,099,303	5,526,721
Tex.:									
1976	2,600,805	747,186	263,890	80,551					
1977	2,723,488	748,641	277,671	98,686					
1978	2,523,639	685,366	250,847	95,244					

¹Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 663.—Fertilizers: Quantities of commercial fertilizers consumed and their average primary plant-nutrient content, United States, 1964–78¹

Year ending June 30	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertilizers ²
	Quantity	Nitrogen (N)	Available phosphoric oxide (P ₂ O ₅)	Potash (K ₂ O)	Quantity	Nitrogen (N)	Available phosphoric oxide (P ₂ O ₅)	Potash (K ₂ O)	Quantity
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent	1,000 tons
1964	18,093	7.61	14.95	12.68	29,206	14.90	11.57	9.35	1,475
1965 ³	18,559	7.82	15.17	12.39	30,315	15.30	11.59	9.35	1,521
1966	19,659	8.10	15.82	12.61	33,071	16.11	11.78	9.74	1,461
1967	21,132	8.35	16.58	13.02	35,684	16.89	12.06	10.21	1,397
1968	21,294	8.77	16.81	12.67	37,126	18.28	12.00	10.22	1,617
1969	21,234	8.95	17.54	12.53	37,614	18.50	12.41	10.34	1,334
1970	20,961	9.25	17.69	12.70	38,292	19.48	11.95	10.54	1,296
1971	21,513	9.59	18.33	13.00	39,902	20.38	12.04	10.60	1,217
1972	21,511	9.91	18.58	12.93	39,896	20.11	12.19	10.85	1,310
1973	22,547	10.21	18.79	12.76	41,822	19.83	12.16	11.12	1,466
1974	24,067	10.10	17.75	12.66	44,964	20.37	11.34	11.30	2,130
1975	20,647	10.16	17.99	12.50	40,606	21.18	11.10	10.97	1,878
1976	22,958	10.53	19.29	12.52	46,893	22.20	11.15	11.11	2,296
1977	24,099	10.58	19.87	12.78	49,099	21.69	11.47	11.88	2,525
1978	22,121	10.73	19.64	12.79	45,710	21.82	11.16	12.09	1,877

¹Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies.

²Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

³Calculations for 1965 and later years based on the guaranteed analysis of individual fertilizers. Calculations for earlier years included over-and-under formulations of individual fertilizers.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 664.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1976–78

Item	Quantity			Value		
	1976	1977	1978	1976	1977	1978
Phosphate rock sold or used by producers: ¹						
Florida:	1,000 tons	1,000 tons	1,000 tons	1,000 dollars	1,000 dollars	1,000 dollars
Soft rock	32	28	30	580	504	537
Land pebble ²	37,353	45,161	45,622	774,517	726,950	778,339
Tennessee ³	1,907	1,899	1,861	14,506	14,028	15,411
Other States	5,376	5,202	6,251	67,586	87,602	107,091
Total	44,668	52,290	53,764	857,189	829,084	901,378
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime ⁴	69	21	13	2,304	679	441
Hydrated	67	70	59	2,454	2,517	2,305
Limestone pulverized	39,825	31,863	33,429	106,667	95,282	105,125
Calcareous marl	320	190	675	1,056	468	2,501
Poultry grit	1,979	2,369	2,742	12,371	12,860	17,606

¹Uses include manufacture of superphosphate, phosphate, phosphoric acid, phosphorus, and ferrophosphorus; for direct application to the soil; as a fertilizer filler; stock and poultry feed; undistributed exports; and other minor uses.

²Includes North Carolina sales.

³Includes sintered matrix.

⁴Lime from oystershells included with quicklime from limestone.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Interior.

Table 665.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1972–78

Item	1972	1973	1974	1975	1976	1977	1978 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
PRODUCTION							
Calcium arsenate	(2)	(2)	(2)	(2)	(2)	(2)	(3)
Lead arsenate	5,164	3,946	(2)	(2)	(2)	(2)	(3)
Copper sulfate	76,104	86,720	84,184	71,228	64,244	60,200	70,286
Aldrin-toxaphene group ⁴	141,858	145,584	141,719	(2)	(2)	(2)	(3)
DDT	(2)	(2)	(2)	(2)	(2)	(2)	(3)
Methyl bromide	24,633	29,571	30,452	36,048	35,856	34,684	(3)
Methyl parathion	51,076	48,890	51,448	53,668	(2)	39,695	(3)
Parathion	(2)	(2)	(2)	(2)	(2)	(2)	(3)
Ferbam	(2)	(2)	(2)	(2)	(2)	(2)	(3)
Nabam	(2)	(2)	(2)	(2)	(2)	(2)	(3)
Zineb	(2)	(2)	(2)	(2)	(2)	(2)	(3)
2,4-D acid	(2)	(2)	(2)	(2)	(2)	(2)	(3)
2,4,5-T acid	(2)	(2)	(2)	(2)	(2)	(2)	(3)
Other organic pesticides	940,131	1,064,907	1,193,539	1,519,405	1,328,535	1,313,140	(3)
IMPORTS							
Pyrethrum flowers	108	83	305	55	180	451	208
Pyrethrum extract	850	641	565	678	697	603	390
Rotenone-bearing roots	1,469	2,516	3,943	2,214	1,796	874	1,791
EXPORTS							
Fungicides ⁵	41,946	58,467	60,059	47,872	50,351	54,239	79,459
2,4-D and 2,4,5-T, acid basis ⁶	6,808	21,214	21,602	12,598	10,733	7,846	6,524
Other herbicides	81,127	118,803	168,982	188,138	186,978	203,104	227,646
DDT	35,424	73,712	56,376	47,228	25,433	498	30,279
Other polychlor insecticides	50,521	81,085	93,703	47,839	45,966	64,315	59,131
Organophosphorus insecticides	64,813	77,190	98,565	84,819	68,696	99,553	94,869
Other agricultural insecticides ⁷	51,459	101,229	109,790	119,290	132,422	121,265	130,744
Fumigants	34,611	34,360	31,321	16,343	19,033	14,675	19,645
Disinfectants, deodorants, and germicides	10,853	12,445	15,276	12,097	13,981	14,094	18,102
Household and industrial insecticides, repellents, and rodenticides	10,822	17,534	18,099	19,609	20,296	22,249	10,683

¹ Preliminary.² Withheld to avoid disclosure.³ Not available.⁴ Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, toxaphene, and terpene polychlorinates.⁵ Includes copper sulfate and agricultural sulfur, which were previously listed separately.⁶ Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."⁷ Includes calcium arsenate, lead arsenate, and nicotine sulfate, which were previously listed separately.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, the U.S. Department of the Interior, and trade sources.

Table 666.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1969–78

Item	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978 ¹
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Used in pesticide formulation:										
Talc, soapstone, and pyrophyllite	81,322	60,817	63,831	65,465	43,404	46,963	41,966	40,368	22,664	.....
Fuller's earth	187,426	191,688	180,769	144,380	175,332	179,579	198,327	205,019	195,180	.....
Kaolin	25,427	25,807	14,977	28,442	28,750	28,511	32,114	33,631	22,312	.....
Bentonite	2,199	2,383	4,563	40,208	35,711	23,853	2,979	2,102	5,000	.....
Other clays	(2)	5,373	(2)	(2)	(2)	(2)	1,348	15,551	15,450	.....
Used in manufacture:										
Mercury	102	69	56	70	70	37	23	23	22	(2)
Shipments to agriculture:										
Copper sulfate	21,036	14,384	15,556	14,032	19,844	18,972	16,187	13,479	16,487	12,096
Zinc sulfate (dry basis)	16,424	14,803	13,812	8,602	8,353	8,677	3,579	5,326	6,121	8,011

¹ Preliminary.² Data withheld to avoid disclosure.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

Table 667.—Pesticides (insecticides, fungicides, and weed killers): Average wholesale price per pound, at works, United States, 1964–1978¹

Year	BHC ²	Chlordane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D ester	DDT ³
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1964	0.75	65.0	14.0	30.9	16.0	34.5	35.5	16.6
1965	.75	65.0	15.3	32.5	17.8	33.9	35.0	17.0
1966	.75	65.0	17.2	36.5	19.2	32.5	33.1	18.0
1967	.68	60.2	18.5	38.9	22.7	33.2	35.7	17.9
1968	.66	59.0	19.5	40.6	23.2	35.2	37.2	17.5
1969	.65	59.0	21.2	44.4	23.1	33.2	35.5	17.7
1970	.65	59.0	23.9	49.5	22.0	33.2	35.5	21.8
1971	.65	59.0	22.6	46.8	22.9	36.0	41.0	22.0
1972	.65	59.4	22.6	46.7	23.0	36.0	41.0	22.0
1973	.65	61.0	25.2	52.2	23.0	36.0	37.5	22.0
1974	.65	63.3	33.8	68.5	30.6	36.0	37.5	27.1
1975	.65	71.2	35.3	70.8	41.0	52.2	56.6	34.0
1976	1.82	99.6	36.6	73.3	47.9	83.0	73.0	34.0
1977	2.00	105.0	34.7	69.4	50.0	83.0	73.0	34.0
1978	2.00	105.0	35.6	71.3	50.0	83.0	73.0	34.0

Year	Lead arsenate	Lindane 99%	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1964	26.8	1.85	0.95	67.0	86.6	70.8	11.18	0.95
1965	27.8	1.85	.95	67.0	88.0	74.9	11.18	0.95
1966	29.0	1.85	.95	67.0	88.0	79.0	11.30	0.98
1967	30.0	1.41	.95	60.6	78.0	81.0	11.52	1.02
1968	29.2	1.30	.95	60.5	62.4	78.4	11.20	1.11
1969	26.6	1.30	.95	60.5	59.0	75.0	10.60	1.14
1970	27.5	1.30	.95	60.5	59.0	75.0	9.92	1.13
1971	27.5	1.33	.95	41.1	46.2	75.0	10.12	1.12
1972	27.5	1.37	.95	34.0	45.0	75.0	10.24	1.12
1973	27.5	1.59	.95	34.0	49.0	75.0	10.25	1.12
1974	27.5	2.04	⁴ 1.10	34.0	51.5	85.2	11.10	1.12
1975	27.5	2.50	1.30	36.8	80.9	99.0	12.25	1.12
1976	27.5	3.32	1.30	41.0	87.0	99.0	12.25	1.12
1977	27.5	3.45	1.30	41.0	87.0	99.0	12.25	1.12
1978	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.05

¹ Average of weekly price quotations.² Gamma unit price; i.e., price per pound of 36 percent gamma material is 36 times the unit price quoted.³ Price for flake or chip grades; price for powdered is 0.75 cent to 1 cent higher.⁴ Estimated.

Agricultural Stabilization and Conservation Service. Based on data reported by the Schnell Publishing Company, Inc., in the Chemical Marketing Reporter.

CHAPTER X

TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

Table 668.—Taxes levied on farm real estate and personal property: Amount, amount per acre, index numbers of amount per acre, United States, 1964–78

Year	Farm real estate			Farm personal property
	Amount	Taxes per acre		
		Amount	Index	
	<i>Million dollars</i>	<i>Dollars</i>	<i>1967 = 100</i>	<i>Million dollars</i>
1964	1,466.7	1.45	82	331.3
1965	1,535.7	1.53	87	338.7
1966	1,633.8	1.65	94	367.4
1967	1,730.5	1.76	100	385.5
1968	1,881.8	1.93	110	402.8
1969	2,038.8	2.11	120	388.3
1970	2,169.1	2.27	129	402.8
1971	2,375.2	2.40	136	409.3
1972	2,462.7	2.50	142	424.9
1973	2,513.7	2.56	145	429.3
1974	2,651.8	2.70	154	515.9
1975	2,854.7	2.92	166	591.2
1976	3,098.4	3.17	180	635.9
1977	3,243.2	3.40	193	689.9
1978 ³	3,369.7	3.68	209	708.4

¹ Revised

² Salt Lake County, Utah not included.

³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 669.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1976 and 1977

State	Amount levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
			Amount		Index			
	1976	1977 ¹	1976	1977 ¹	1976	1977 ¹	1976	1977 ¹
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1967=100</i>	<i>1967=100</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	8.0	7.9	0.55	0.58	130	136	0.14	0.14
Alaska . . . . .	.8	.9	4.22	6.14	140	205	.87	.70
Ariz	21.9	24.7	2.22	2.34	238	251	.81	1.95
Ark	30.5	28.0	1.73	1.81	158	164	.37	.36
Calif	362.5	384.0	11.50	12.29	177	189	1.56	1.78
Colo	42.7	41.8	1.20	1.29	154	166	.52	.52
Conn	8.9	9.6	17.07	18.03	170	179	.91	.92
Del	1.2	1.2	1.79	1.85	105	109	.16	.14
Fla	66.8	70.7	4.89	5.16	179	189	.67	.69
Ga	44.4	46.1	2.63	2.94	259	289	.54	.59
Hawaii	5.5	2.40	167	167	167	167	.33	.33
Idaho	33.4	34.0	2.56	2.87	179	201	.62	.71
Ill	294.4	326.5	10.15	10.94	183	197	.95	.81
Ind	88.4	90.7	5.09	5.18	125	127	.57	.48
Iowa	258.1	267.7	7.57	7.99	183	193	.83	.72
Kans	122.8	128.6	2.50	2.65	148	157	.75	.72
Ky	31.7	32.7	1.99	2.05	162	168	.39	.38
La	15.3	13.2	1.29	1.35	120	125	.24	.24
Maine	7.2	7.9	4.22	4.52	165	177	1.13	1.15
Md	18.8	18.3	6.48	6.60	165	168	.50	.48
Mass	12.3	13.4	17.94	19.86	199	220	1.70	1.79
Mich	121.3	122.5	9.90	11.30	293	334	1.61	1.59
Minn	131.9	119.0	4.32	4.13	164	157	.82	.70
Miss	21.1	20.3	1.26	1.29	160	163	.32	.33
Mo	83.5	87.2	2.56	2.70	181	191	.57	.55
Mont	43.2	45.4	.84	.87	162	169	.61	.61
Nebr	153.3	144.4	3.29	3.25	207	204	.91	.82
Nev	3.5	4.6	.80	.76	176	167	.72	.87
N.H	3.8	4.4	7.05	7.36	201	210	1.14	1.13
N.J	19.9	18.4	19.78	18.03	158	144	.96	.87
N. Mex	8.0	8.1	.25	.26	127	129	.25	.28
N.Y	102.7	108.5	9.05	10.75	237	282	1.62	1.87
N.C	36.0	36.4	2.68	2.88	181	194	.41	.44
N. Dak	61.4	70.4	1.58	1.95	175	193	.66	.71
Ohio	111.8	128.9	6.49	7.57	197	230	.75	.73
Okl	45.8	46.5	1.29	1.34	158	164	.38	.38
Oreg	53.5	47.6	2.99	2.90	150	146	1.03	.97
Pa	68.7	70.1	6.92	7.95	191	220	.83	.86
R.I	1.4	1.6	22.30	24.13	219	237	1.31	1.34
S.C	13.2	12.7	1.71	1.83	181	194	.35	.36
S. Dak	64.3	75.1	1.67	1.95	181	210	.94	1.07
Tenn	35.7	37.0	2.35	2.47	241	253	.46	.46
Tex	171.0	193.3	1.23	1.25	174	196	.44	.47
Utah	16.1	13.3	1.60	1.58	165	163	.61	.68
Vt	11.1	12.0	5.98	6.31	209	220	1.22	1.23
Va	30.7	31.9	2.80	3.01	243	261	.45	.48
Wash	44.8	53.1	3.39	3.72	193	211	.71	.82
W. Va	3.3	3.1	.71	.72	144	148	.18	.18
Wis	149.7	155.7	7.78	8.62	215	239	1.56	1.54
Wyo	12.2	13.2	.48	.52	149	161	.43	.37
U.S	3,098.4	3,243.9	3.17	3.43	180	195	.74	.74

¹ Preliminary.

Economics, Statistics, and Cooperatives Service — Economics.

Table 670.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939–78

Crop	Year	Drought	Hail	Excess moisture	Frost freeze, cold, and winter-kill	Flood	Wind	Insects	Disease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Apple	1963–78	15.8	15.8	80.1	4.1	0.7	0.5	2.4		
Barley	1956–78	48.8	20.1	13.4	5.1	3.1	6.1	0.7	0.5	2.4
Bean, dry edible	1948–78	16.2	20.7	28.1	21.1	.8	5.0	1.1	5.5	1.5
Cherry, red tart	1963–66	7.7	88.9	3.2	2.6					.2
Citrus	1951–78	.9	96.5	2.6						0
Corn	1945–78	67.4	4.9	12.3	4.7	1.0	6.7	.7	1.8	.6
Cotton	1942–78	26.4	8.9	27.3	12.7	2.9	5.5	13.9	.7	1.6
Flax	1945–78	36.1	8.8	27.0	7.9	1.5	7.0	1.3	2.9	7.5
Forage seeding	1978	32.3	65.1	2.6						
Grain sorghum	1959–78	49.5	9.0	11.8	9.3	.7	8.9	9.4	.7	.7
Grape	1967–78	.1	4.0	19.3	63.0	0	13.4			.3
Oat	1956–78	43.5	18.5	20.7	5.3	.2	9.3	1.0	.5	1.0
Orange	1958–78			100.0						
Pea, dry and green	1962–78	34.7	4.4	20.2	23.2	0	15.8	.1	.3	1.3
Peach	1957–78		20.4	77.1	.2					2.2
Peanut	1962–78	41.8	0	48.3	5.0	.5	1.4	.7	2.1	.2
Potato	1962–78		9.5	28.1	37.0	1.1	3.2	.4	19.6	1.0
Raisin	1961–78			100.0						
Rice	1958–78	2.6	.8	32.1	15.9	10.1	21.0	0	15.1	2.4
Safflower	1964–66	52.9	41.3	2.3		2.7			.9	
Soybean	1955–78	51.4	16.7	22.2	4.3	3.0	1.9	.1	.1	.3
Sugarbeet	1965–78	15.7	4.6	25.0	16.4	20.6	8.2	4.3	3.1	2.1
Sugarcane	1967–78	21.4		51.9	11.3	2.5	10.8		1.9	.2
Sunflower	1976–78	25.6	22.0	15.0			13.8	13.4	7.0	3.3
Sweet corn	1978			98.8			1.2			
Tobacco	1945–78	24.7	15.8	35.4	1.7	1.3	12.4	.6	5.7	2.3
Tomato	1963–78	19.5	11.3	51.0	15.9	.5	.7	.3	.4	.3
Tung nut	1965–70			100.0						
Wheat	1939–78	43.7	16.3	6.0	12.6	2.6	8.1	4.3	4.6	1.9
All crops	1939–78	40.8	11.3	16.4	13.8	2.1	7.0	4.5	2.7	1.5

Federal Crop Insurance Corporation.

FOOTNOTES FOR TABLE 671

¹Data for 1978 are preliminary.²Number of farms on which the insured crop was planted, including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included.³The insured's share of the planted area on the farm.⁴Less than 500 acres.⁵Includes a combination of commodities varying by counties.⁶Thousand of tons insured for raisins (not included in total of all commodities).⁷Less than 500 tons.

Federal Crop Insurance Corporation.

Table 671.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1974-78¹

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units ²	Area insured ³	Maximum insured production		Number	Area indemnified ³	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
Apple:								
1974	8	588	8	4,560	510	268	4	754
1975	8	494	6	3,266	357	56	1	64
1976	8	434	5	2,934	302	217	3	416
1977	8	475	6	3,451	372	272	4	719
1978	9	657	9	6,000	616	327	5	655
Barley:								
1974	192	8,646	521	11,472	844	2,176	135	1,290
1975	199	9,523	606	16,135	1,153	1,399	80	1,234
1976	199	9,789	642	21,367	1,515	2,056	107	1,989
1977	199	15,952	1,208	40,707	3,087	2,493	194	3,046
1978	209	12,914	850	28,907	2,099	801	53	838
Bean, dry edible:								
1974	36	3,272	100	6,869	442	78	2	56
1975	36	3,085	95	8,241	514	423	13	421
1976	36	2,734	86	8,211	486	312	11	328
1977	36	2,192	67	6,502	390	293	10	396
1978	39	2,364	75	7,683	456	215	8	388
Citrus:								
1974	27	5,419	88	25,714	2,602	749	16	1,109
1975	28	4,866	87	26,628	2,630	503	14	985
1976	25	4,415	80	24,671	2,287	2,213	49	6,090
1977	25	3,914	72	22,449	2,165	285	7	608
1978	25	3,576	80	25,348	2,298	13	(4)	42
Combined crop: ⁵								
1974	7	2,904	506	13,105	476	391	63	505
1975	9	2,733	458	14,230	519	185	22	316
1976	7	2,724	506	16,548	627	219	30	286
1977	7	2,953	509	16,649	613	266	43	646
1978	7	2,641	392	13,621	489	47	(4)	38
Corn:								
1974	613	73,770	3,647	216,400	10,431	22,692	1,106	23,986
1975	634	89,555	4,570	352,301	16,570	16,549	836	19,290
1976	639	107,809	5,832	560,722	26,186	33,090	1,901	62,803
1977	639	115,655	6,267	614,970	30,443	22,400	1,232	56,506
1978	719	102,723	5,293	564,530	28,593	3,493	165	5,596
Cotton:								
1974	262	9,374	592	52,888	3,055	3,406	227	6,838
1975	264	6,909	438	53,956	3,017	3,278	226	9,710
1976	259	7,641	657	86,713	4,499	2,847	301	16,053
1977	259	7,263	715	90,090	5,802	1,032	87	2,724
1978	265	7,128	618	76,732	5,241	1,420	130	4,642
Flax:								
1974	83	4,108	168	3,216	377	1,698	77	734
1975	84	4,191	172	4,148	508	1,043	44	500
1976	84	2,673	99	2,404	292	1,429	52	737
1977	84	4,414	204	5,027	654	1,404	75	939
1978	84	2,159	78	1,906	239	312	13	155
Forage seeding:								
1978	3	44	1	46	4	15	5	10
Grain sorghum:								
1974	179	10,812	511	18,588	1,110	2,801	117	1,812
1975	190	11,364	602	26,643	1,660	1,354	60	855
1976	190	12,218	641	34,642	2,103	1,860	105	1,922
1977	190	11,280	559	30,342	1,854	889	42	872
1978	229	10,638	513	27,988	1,697	1,711	110	2,439
Grape:								
1974	8	401	8	3,627	226	14	(4)	24
1975	8	410	8	3,752	229	14	(4)	22
1976	8	409	8	3,687	222	23	(4)	55
1977	8	381	8	3,860	231	268	6	889
1978	8	394	8	3,783	238	21	(4)	47
Oat:								
1974	260	12,952	313	6,043	374	1,236	45	395
1975	265	13,980	366	8,861	573	1,006	31	305
1976	265	15,010	413	10,506	666	3,783	141	1,993
1977	265	17,263	560	14,509	1,053	819	44	589
1978	330	12,431	345	8,806	637	1,023	27	339
Pea, dry and green:								
1974	58	1,971	69	5,302	430	322	8	335
1975	63	2,015	73	6,293	508	411	10	421
1976	63	1,744	53	4,576	368	369	8	296
1977	63	1,699	80	6,447	487	479	43	1,425
1978	66	1,904	89	6,909	535	408	12	464

See footnotes on page 473.

Table 671.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1974–78¹—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units ²	Area insured ³	Maximum insured production		Number	Area indemnified ³	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
Peach:								
1974	19	420	10	2,249	396	170	5	449
1975	17	371	10	2,066	352	230	7	502
1976	17	338	9	2,102	399	120	3	183
1977	17	228	6	1,398	247	71	1	124
1978	17	168	4	969	160	104	2	347
Peanut:								
1974	65	10,062	190	46,398	2,464	712	13	792
1975	75	9,675	183	47,266	2,480	697	11	805
1976	75	9,659	187	59,173	2,918	737	15	1,431
1977	75	8,009	151	52,347	2,533	689	16	1,438
1978	80	7,737	149	49,366	2,396	304	8	676
Potato:								
1978	3	19	1	436	21	0	0	0
Raisin:								
1974	7	656	⁶ 25	5,466	161	0	0	0
1975	7	739	⁶ 29	6,849	204	10	(⁷)	41
1976	7	784	⁶ 30	8,171	229	242	⁶ 11	2,679
1977	7	1,506	⁶ 64	20,602	658	2	(⁷)	10
1978	7	1,345	⁶ 59	18,929	605	459	⁶ 21	5,625
Rice:								
1974	24	320	28	4,631	124	24	1	51
1975	29	545	69	14,255	453	26	2	105
1976	30	562	62	13,159	404	43	3	217
1977	30	386	39	8,130	243	41	3	174
1978	36	470	51	11,375	326	43	5	232
Soybean:								
1974	625	50,940	1,881	98,863	5,184	7,940	300	5,201
1975	639	60,171	2,225	127,465	6,643	3,933	150	2,562
1976	643	63,641	2,225	151,789	7,666	12,932	440	8,471
1977	643	75,007	2,980	206,403	10,591	4,360	184	4,096
1978	679	69,312	2,726	184,276	9,597	3,099	142	3,263
Sugarbeet:								
1974	95	2,272	123	17,659	759	306	20	861
1975	100	2,566	142	26,070	1,150	493	32	2,190
1976	100	2,322	134	25,338	1,142	419	13	679
1977	100	2,155	148	27,976	1,297	107	6	425
1978	107	1,957	123	24,064	1,123	52	3	172
Sugarcane:								
1974	12	508	33	5,494	154	54	3	78
1975	13	647	38	5,968	191	56	3	89
1976	13	687	41	8,081	250	85	4	160
1977	14	498	27	5,674	169	25	2	141
1978	14	288	13	2,817	82	57	3	123
Sunflower:								
1976	6	376	28	1,614	96	22	1	34
1977	6	1,394	134	7,964	464	34	3	56
1978	35	4,110	358	21,221	1,309	111	8	162
Sweet corn:								
1978	2	114	6	483	31	12	1	18
Tobacco:								
1974	254	92,357	321	315,539	7,478	2,030	6	2,162
1975	254	94,399	384	432,742	10,274	6,839	28	10,882
1976	254	95,348	384	505,482	11,985	5,696	24	10,788
1977	254	81,902	323	475,087	11,137	11,426	54	33,167
1978	256	79,982	347	531,198	12,469	2,350	9	4,932
Tomato:								
1974	8	78	2	471	30	37	1	70
1975	8	68	2	504	32	18	1	62
1976	8	52	1	306	19	2	26	3
1977	8	44	1	389	23	3	(⁴)	19
1978	10	56	3	1,283	69	5	(⁴)	20
Wheat:								
1974	732	96,706	9,486	284,257	16,337	13,239	1,487	15,834
1975	748	103,304	10,364	382,855	23,343	8,117	733	11,968
1976	748	106,418	11,458	429,920	26,163	16,998	1,707	24,627
1977	749	112,556	11,341	429,944	27,281	19,426	2,499	39,990
1978	771	96,229	9,398	376,800	22,401	8,241	667	10,814
Total, all commodities:								
1974	3,574	388,536	18,605	1,148,811	53,964	60,343	3,636	63,336
1975	3,678	421,610	20,898	1,570,494	73,360	46,640	2,304	63,329
1976	3,684	447,787	23,551	1,982,116	90,824	85,514	4,944	142,240
1977	3,686	467,126	25,405	2,090,917	101,794	67,084	4,555	148,999
1978	4,010	421,360	21,530	1,995,476	93,731	24,643	1,376	42,037

See footnotes on page 473.

Table 672.—Farm real estate debt: Amount outstanding by farming regions, Jan. 1, 1964–79¹

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	893,885	1,798,596	3,753,557	1,612,757	1,124,143	1,021,414
1965	967,814	1,975,315	4,268,180	1,893,044	1,255,613	1,143,013
1966	1,067,935	2,194,552	4,733,371	2,132,367	1,413,936	1,264,111
1967	1,158,283	2,364,346	5,130,393	2,333,776	1,553,069	1,394,113
1968	1,237,019	2,509,539	5,707,602	2,663,688	1,709,758	1,530,585
1969	1,321,548	2,685,812	6,321,121	3,022,856	1,862,779	1,668,598
1970	1,426,304	2,845,050	6,677,534	3,216,629	2,006,238	1,810,654
1971	1,510,059	2,957,778	6,862,910	3,330,858	2,102,622	1,912,536
1972	1,629,716	3,157,213	7,231,041	3,520,437	2,248,087	2,075,400
1973	1,835,944	3,521,139	7,888,472	3,901,630	2,481,341	2,359,575
1974	2,182,926	4,010,632	9,003,827	4,408,702	2,907,534	2,883,829
1975	2,562,877	4,516,356	9,882,580	4,717,705	3,373,550	3,465,415
1976	2,752,445	4,932,545	11,046,205	5,151,318	3,839,693	3,823,082
1977	2,851,665	5,470,493	12,685,406	5,882,549	4,245,752	3,996,671
1978	3,036,785	6,290,125	14,847,091	6,718,841	4,780,254	4,471,428
1979 ²	3,276,664	7,412,542	17,075,385	7,465,158	5,362,426	5,095,308

Year	Delta States	Southern Plains	Mountain	Pacific	United States ³
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	937,331	1,715,623	1,657,381	2,277,763	16,803,505
1965	1,065,544	1,985,475	1,880,689	2,445,464	18,894,240
1966	1,217,870	2,231,294	2,124,793	2,788,474	21,186,886
1967	1,363,294	2,398,478	2,330,782	3,032,469	23,077,186
1968	1,500,675	2,629,660	2,519,122	3,113,519	25,142,401
1969	1,659,243	2,883,875	2,732,712	3,217,441	27,397,370
1970	1,798,655	3,042,914	2,895,357	3,443,265	29,182,766
1971	1,871,531	3,131,092	3,018,002	3,623,050	30,346,083
1972	1,977,419	3,280,792	3,200,982	3,855,991	32,207,666
1973	2,187,908	3,714,396	3,562,412	4,254,778	35,757,754
1974	2,459,145	4,314,397	4,036,787	4,982,602	41,252,870
1975	2,726,595	4,916,925	4,373,794	5,686,721	46,288,419
1976	2,983,769	5,408,134	4,923,779	6,143,332	51,068,946
1977	3,297,995	5,715,707	5,409,803	6,938,445	56,559,645
1978	3,637,498	6,024,358	5,962,949	7,794,321	63,641,566
1979 ²	4,019,057	6,480,914	6,509,082	9,452,924	72,232,194

¹ States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. ² Preliminary. ³ Includes Alaska and Hawaii.

Economics, Statistics, and Cooperatives Service—Economics.

Table 673.—Farm real estate debt: Amount outstanding by lender, United States, Jan. 1, 1964–79

Year	Federal land banks ¹	Farmers Home Administration ²	Life insurance companies ³	All operating banks ⁴	Individuals and others ⁵	Total farm mortgage debt
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	3,281,797	1,171,373	3,780,537	2,136,571	6,433,227	16,803,505
1965	3,686,755	1,284,913	4,287,671	2,416,634	7,218,267	18,894,240
1966	4,240,227	1,497,313	4,801,677	2,607,404	8,040,265	21,186,886
1967	4,914,522	1,663,067	5,213,587	2,770,010	8,516,000	23,077,186
1968	5,563,204	1,844,046	5,539,600	3,060,551	9,135,000	25,142,401
1969	6,081,229	2,054,382	5,763,500	3,333,259	10,165,000	27,397,370
1970	6,671,222	2,279,620	5,733,900	3,545,024	10,953,000	29,182,766
1971	7,145,363	2,440,043	5,610,300	3,772,377	11,378,000	30,346,083
1972	7,879,753	2,618,131	5,564,300	4,218,482	11,927,000	32,207,666
1973	9,050,067	2,835,202	5,643,300	4,792,185	13,437,000	35,757,754
1974	10,901,352	3,013,440	5,964,800	5,458,278	15,915,000	41,252,870
1975	13,402,441	3,214,657	6,297,400	5,966,282	17,407,639	46,288,419
1976	15,949,720	3,368,747	6,726,000	6,296,286	18,728,193	51,068,946
1977	18,454,578	3,657,467	7,400,200	6,781,410	20,265,990	56,559,645
1978	21,391,162	3,982,054	8,819,400	7,780,261	21,668,689	63,641,566
1979 ⁶	24,619,184	4,121,038	10,168,430	8,556,542	24,767,000	72,232,194

See footnotes on page 477.

Table 674.—Farm real estate debt: Amount outstanding, by States, Jan. 1, 1960, 1965, 1970, 1975, 1978, and 1979

State	1960	1965	1970	1975	1978	1979 ¹
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	157,733	251,621	402,451	634,856	825,778	986,744
Alaska	991	2,535	2,706	4,286	3,373	3,168
Ariz	117,650	196,238	293,473	397,295	488,518	523,959
Ark	261,339	449,175	721,809	1,089,211	1,485,180	1,614,564
Calif	1,240,738	1,704,724	2,353,445	3,904,386	5,264,661	6,428,015
Colo	242,052	397,669	651,534	1,087,265	1,508,308	1,634,029
Conn	27,841	32,213	38,426	73,857	74,307	76,549
Del	13,581	22,277	40,525	76,017	83,516	92,694
Fla	240,004	419,076	614,323	1,267,807	1,523,806	1,785,850
Ga	208,599	339,129	584,717	1,148,839	1,554,890	1,710,136
Hawaii	7,838	11,554	17,460	61,615	74,543	79,566
Idaho	238,527	386,156	579,894	875,059	1,237,964	1,329,931
Ill	597,426	956,337	1,504,747	2,190,726	3,488,968	4,125,275
Ind	433,558	691,412	1,089,451	1,656,518	2,521,945	2,727,951
Iowa	853,428	1,345,602	2,184,660	3,140,923	4,629,473	5,281,340
Kans	356,119	584,847	1,025,935	1,544,233	2,239,318	2,474,134
Ky	228,361	372,290	599,255	982,398	1,424,631	1,619,095
La	134,817	232,683	452,362	714,120	978,809	1,138,078
Maine	24,072	36,019	58,369	93,976	117,895	120,608
Md ²	85,412	132,042	225,290	376,938	438,539	490,720
Mass	22,987	27,630	38,944	71,216	74,369	84,514
Mich	300,938	456,411	666,770	1,066,812	1,442,561	1,693,928
Minn	591,066	904,065	1,325,479	1,997,148	2,886,440	3,430,919
Miss	251,220	383,686	624,484	923,264	1,173,509	1,266,415
Mo	434,800	684,037	1,038,771	1,600,503	2,284,649	2,576,640
Mont	197,212	364,405	632,912	976,233	1,331,025	457,249
Nebr	353,726	625,436	1,099,564	1,596,989	2,316,618	2,612,463
Nev	41,738	70,296	85,036	123,122	173,993	195,433
N.H	8,188	11,663	18,210	32,721	43,395	41,034
N.J	66,311	80,641	114,558	211,405	238,541	245,790
N. Mex	132,700	196,046	278,392	377,923	497,450	549,485
N.Y	203,676	285,843	407,812	759,288	883,545	926,985
N.C	199,027	292,387	446,287	779,765	1,125,725	1,275,478
N. Dak	161,913	307,276	520,291	750,006	1,058,776	1,198,002
Ohio	384,151	590,792	859,905	1,293,910	1,922,056	2,364,179
Okla	290,670	483,647	774,171	1,295,517	1,748,456	1,896,760
Oreg	242,889	361,868	510,214	834,542	1,180,856	1,411,764
Pa	199,660	284,538	403,832	724,620	918,820	1,029,225
R.I	2,247	2,983	3,569	5,581	5,543	5,790
S.C	92,923	133,187	209,163	413,913	566,954	612,578
S. Dak	227,266	375,485	570,839	826,477	1,104,129	1,180,559
Tenn	199,354	330,363	543,688	906,253	1,275,207	1,404,558
Tex	941,460	1,501,828	2,268,743	3,621,408	4,275,902	4,584,154
Utah	90,364	114,459	139,354	195,380	263,650	314,378
Vt	37,152	51,965	76,769	137,258	158,315	162,755
Va	132,491	209,361	345,604	584,888	787,777	872,831
Wash	242,673	378,872	579,606	947,793	1,348,804	1,613,145
W. Va	35,670	51,212	71,404	120,246	166,914	190,464
Wis	433,184	614,839	852,801	1,452,396	1,961,124	2,287,695
Wyo	94,667	155,420	234,762	341,917	462,041	504,618
U.S	12,082,409	18,894,240	29,182,766	46,288,819	63,641,566	72,232,194

¹ Preliminary.² Includes District of Columbia.

Economics, Statistics, and Cooperatives Service — Economics.

FOOTNOTES FOR TABLE 673

¹ Includes regular mortgages, purchase-money mortgages, and sales contracts.² Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms, and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.³ Compiled from reports of life insurance companies, "Best's Life Insurance Reports," "Spectator Life Insurance Yearbooks," and data from Life Insurance Association of America and Institute of Life Insurance. Includes legal reserve companies only.⁴ Includes all operating commercial, savings, and private banks.⁵ Estimated by ESCS.⁶ Preliminary.

Economics, Statistics, and Cooperatives Service — Economics.

Table 675.—Farm real estate debt: Amount outstanding by lender, by States, Jan. 1, 1978 and 1979

State	Federal land banks ¹		Life insurance companies ²		Farmers Home Administration ³		All banks		Individuals and others ⁴	
	1978	1979	1978 ³	1979 ⁴	1978	1979	1978	1979	1978	1979 ⁴
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala . . .	327,074	383,552	53,300	69,199	84,541	82,445	191,634	225,814	169,229	225,734
Alaska . .	2,115	1,976	0	0	409	251	849	941	.....	.....
Ariz . . .	62,783	70,424	139,800	145,865	33,224	35,534	13,160	11,389	239,551	260,747
Ark . . .	371,735	417,699	334,200	382,573	126,306	123,093	284,674	297,305	368,265	393,894
Calif . . .	1,326,957	1,544,788	1,295,900	1,501,843	36,088	39,272	245,616	322,271	2,360,100	3,019,841
Colo . . .	607,632	685,700	302,300	297,227	73,110	75,620	39,748	47,004	485,518	528,478
Conn . . .	100,734	45,259	600	730	3,896	4,482	3,602	2,861	21,952	23,217
Del . . .	37,700	44,733	1,300	1,300	6,891	8,033	20,204	20,204	17,421	18,424
Fla . . .	647,085	713,337	316,700	376,162	36,079	38,739	148,107	156,286	375,835	501,326
Ga . . .	803,592	874,667	165,300	169,134	80,203	88,002	333,293	348,232	172,502	230,101
Hawaii . .	50,050	54,203	10,900	11,134	7,154	7,161	6,439	7,068	.....	.....
Idaho . . .	523,209	554,641	172,900	194,694	148,840	154,719	14,439	13,804	378,576	412,073
Ill . . .	1,245,497	1,549,653	464,200	575,103	117,515	128,719	520,659	609,419	1,141,097	1,262,381
Ind . . .	804,878	786,911	271,000	349,564	90,484	96,487	509,934	559,458	845,649	935,531
Iowa . . .	1,245,075	1,509,745	628,000	739,680	166,408	175,499	330,094	356,321	2,259,896	2,500,095
Kans . . .	917,868	1,038,026	388,800	415,395	138,509	149,666	202,975	217,362	591,166	653,685
Ky . . .	431,442	516,428	93,800	117,694	113,914	117,361	404,311	433,650	381,164	433,962
La . . .	366,261	441,192	222,400	257,271	59,848	62,846	157,652	192,106	172,648	184,663
Maine . . .	30,361	30,897	6,500	7,710	53,734	53,771	9,039	8,847	18,327	19,383
Md ⁷ . . .	165,217	188,462	8,400	16,970	18,695	21,782	70,203	77,349	176,024	186,157
Mass . . .	.....	31,116	1,900	9,418	3,306	4,244	13,712	13,324	24,973	26,412
Mich . . .	524,591	611,325	50,400	61,695	72,116	79,244	197,826	218,517	597,628	723,147
Minn . . .	861,263	1,053,760	292,100	336,921	163,676	167,166	254,405	281,891	1,314,996	1,591,181
Miss . . .	373,095	409,484	247,100	311,979	128,185	113,080	225,065	217,885	200,064	213,987
Mo . . .	667,039	743,183	287,700	365,769	193,193	197,522	460,531	522,110	676,186	748,056
Mont . . .	493,521	531,337	193,000	228,324	90,622	95,805	27,725	29,071	526,157	572,712
Nebr . . .	776,280	917,559	494,300	558,333	182,228	191,607	96,392	96,387	767,418	848,577
Nev . . .	51,502	58,677	54,800	63,114	7,668	9,133	2,274	1,650	57,749	62,859
N.H . . .	.....	15,702	8,600	5,574	3,664	3,972	8,253	7,799	7,552	7,987
N.J . . .	100,232	100,734	5,200	5,538	10,973	12,252	16,299	15,762	105,432	111,504
N. Mex . .	162,192	178,693	86,800	99,198	34,035	36,494	24,066	27,899	190,357	207,201
N.Y . . .	337,314	362,619	14,900	18,250	72,062	80,777	126,471	130,615	316,498	334,724
N.C . . .	615,843	719,106	92,200	108,823	111,491	116,219	104,697	108,926	201,494	229,404
N. Dak . .	493,671	574,823	45,400	56,174	185,574	182,480	67,730	89,951	266,401	294,574
Ohio . . .	655,480	956,667	135,200	183,505	47,713	54,224	432,006	448,863	651,657	720,920
Okl . . .	604,738	700,142	196,200	210,379	171,259	174,844	213,283	234,076	562,976	577,319
Oreg . . .	336,467	396,910	203,800	206,986	51,862	59,662	16,791	16,391	571,936	731,815
Pa . . .	265,427	310,741	27,200	31,997	48,729	52,647	305,374	346,082	272,090	287,758
R.I . . .	.....	4,106	0	.....	309	322	907	936	403	426
S.C . . .	402,239	430,980	17,700	16,707	56,667	59,091	46,652	47,514	43,696	58,286
S. Dak . .	430,173	452,739	99,600	109,482	228,880	237,330	44,210	47,882	301,266	333,126
Tenn . . .	395,110	425,688	44,800	56,979	105,970	107,035	334,649	365,505	394,678	449,351
Tex . . .	1,276,689	1,405,614	749,100	841,963	195,888	191,709	443,547	493,157	1,610,678	1,651,711
Utah . . .	95,589	118,907	14,200	23,271	38,510	38,909	19,102	28,527	96,249	104,764
Vt . . .	66,076	55,438	100	173	29,229	30,621	26,478	27,534	46,322	48,989
Va . . .	346,316	382,937	33,200	39,666	41,900	46,141	137,464	143,484	228,897	260,603
Wash . . .	378,048	453,753	339,900	375,284	77,964	81,268	39,527	45,970	513,365	656,870
W. Va . .	30,502	35,440	5,000	5,935	22,491	24,867	75,194	85,823	33,727	38,399
Wis . . .	463,901	580,509	85,400	91,041	166,133	163,945	497,457	546,818	748,233	905,382
Wyo . . .	120,599	148,202	117,300	118,704	43,909	44,946	15,542	13,502	164,691	179,264
U.S . . .	21,391,162	24,619,184	8,819,400	10,168,430	3,982,055	4,121,038	7,780,261	8,556,542	21,668,689	24,767,000

¹ Includes mortgages in process of foreclosure.² Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.³ Revised.⁴ Preliminary.⁵ Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.⁶ Estimated by ESCS, USDA.⁷ Includes District of Columbia.

Economics, Statistics, and Cooperatives Service—Economics.

Table 676.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1977–79¹

State and Territory	Farm real estate loans					Nonreal estate farm loans				
	1977		1978		1979 ⁴	1977		1978		1979 ⁴
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	161,193	181,821	191,634	201,355	225,814	231,615	292,233	276,059	280,263	309,485
Alaska	712	460	849	1,006	941	41	568	34	67	53
Ariz	4,244	16,161	13,160	11,206	11,389	269,926	266,992	294,814	282,387	363,835
Ark	230,484	270,170	284,674	293,825	297,302	305,841	400,080	372,565	433,973	404,961
Calif	203,487	215,345	245,616	289,882	322,271	1,860,203	2,040,198	2,019,538	2,191,886	2,292,307
Colo	37,632	40,104	39,748	36,452	47,004	654,920	701,698	689,976	716,372	728,139
Conn	5,764	6,540	3,602	4,689	2,861	11,754	8,905	16,898	9,683	16,115
Del	16,614	18,914	20,204	21,667	20,204	7,194	11,902	12,623	12,642	11,542
Fla	121,208	138,516	148,107	151,382	156,286	160,846	156,465	168,023	154,559	173,069
Ga	314,757	343,551	333,293	339,130	348,232	272,840	348,352	302,892	309,621	312,084
Hawaii	3,147	8,288	6,439	6,931	7,068	14,025	12,557	15,368	14,407	16,396
Idaho	14,014	14,462	14,439	12,580	13,804	401,985	412,486	384,207	403,222	358,114
Ill	445,210	485,155	520,659	553,603	609,419	1,598,136	1,731,267	1,816,611	1,904,539	2,092,290
Ind	434,038	479,356	509,934	536,695	559,458	643,642	744,078	759,506	812,118	872,144
Iowa	283,895	311,980	330,094	343,081	356,321	2,422,757	2,592,319	2,784,269	2,687,128	3,029,843
Kans	163,730	187,245	202,975	217,362	217,362	1,551,874	1,602,965	1,661,805	1,707,257	1,799,772
Ky	351,064	381,535	404,311	433,648	433,650	355,195	382,750	396,642	419,184	426,567
La	134,929	145,727	157,652	182,017	192,106	187,695	252,775	232,358	280,153	261,002
Maine	7,335	9,489	9,039	8,779	8,847	16,229	13,177	18,674	13,215	15,337
Md. ²	66,419	70,820	70,203	77,910	77,349	54,680	59,741	59,514	60,562	58,714
Mass	23,614	12,090	13,712	13,363	13,324	9,183	11,008	10,386	23,590	54,784
Mich	172,005	185,849	197,826	212,078	218,517	334,038	387,710	377,522	407,804	395,203
Minn	225,269	242,405	254,405	268,843	281,891	1,202,664	1,335,958	1,337,507	1,488,447	1,575,441
Miss	199,360	212,206	225,065	222,052	217,885	244,474	281,293	284,848	291,066	270,477
Mo	381,126	427,807	460,531	501,618	522,110	896,596	982,387	996,548	1,053,152	1,104,810
Mont	23,605	25,578	27,725	28,622	29,071	450,600	478,860	463,659	490,326	476,602
Nebr	81,377	94,176	96,392	98,669	96,387	1,755,772	1,900,023	1,882,940	1,893,708	1,999,298
Nev	1,780	2,317	2,274	1,430	1,650	15,340	19,193	23,771	19,532	20,167
N.H	7,534	7,659	8,253	8,273	7,799	3,333	2,860	2,813	3,194	3,158
N.J	14,227	13,458	16,299	17,769	15,762	9,680	13,784	11,014	14,000	11,380
N. Mex	23,856	25,744	24,066	26,833	27,899	169,882	185,841	170,032	183,668	180,605
N.Y	117,739	123,707	126,471	131,811	130,615	308,151	349,560	357,945	352,233	395,629
N.C	109,683	114,708	104,697	106,540	103,926	215,184	334,923	253,211	332,817	238,089
N. Dak	71,589	80,071	67,730	85,943	89,951	586,652	613,194	576,374	617,533	647,346
Ohio	376,622	408,617	432,006	453,062	448,863	347,070	409,357	409,638	439,024	453,579
Okla	192,407	203,560	213,283	226,145	234,076	871,796	910,341	977,615	983,127	1,060,916
Oreg	24,407	15,820	16,791	15,782	16,391	227,814	259,123	241,959	279,191	261,077
Pa	260,133	282,771	305,374	322,816	346,082	248,170	253,356	275,657	285,883	319,474
R.I	901	809	907	837	936	105	239	313	340	160
S.C	40,395	45,419	46,652	50,198	47,514	63,394	94,763	73,268	86,910	72,262
S. Dak	35,699	42,761	44,210	47,015	47,882	716,747	762,945	792,695	827,262	895,414
Tenn	300,417	325,764	334,649	354,024	365,505	246,784	295,780	295,808	312,527	309,237
Tex	383,642	426,455	443,547	491,976	493,157	1,815,923	1,999,341	1,923,992	2,091,850	2,205,760
Utah	15,677	19,726	19,102	23,332	28,527	101,795	107,051	107,544	104,834	106,036
Vt	23,661	24,891	26,478	26,581	27,534	18,736	20,600	20,252	20,948	21,375
Va	123,850	131,676	137,464	138,204	143,484	149,057	183,060	169,494	188,251	176,142
Wash	35,345	34,286	39,527	41,065	45,970	423,341	505,724	476,838	556,736	512,329
W. Va	67,655	68,474	75,194	79,502	85,823	28,778	32,298	33,396	34,748	32,237
Wis	433,980	469,684	497,457	527,478	546,818	576,954	644,018	660,121	713,215	726,753
Wyo	13,974	15,437	15,542	15,343	13,502	223,601	238,562	219,290	230,370	205,322
U.S	6,781,410	7,409,564	7,780,261	8,254,511	8,556,539	23,282,512	25,643,660	25,708,826	27,019,548	28,272,831
P.R	7,423	2,781	1,489	1,640	2,072	9,569	134,570	9,658	45,265	40,412
Other pos- sessions ³	0	0	0	0	0	43	57	41	0	11
Total	6,788,833	7,412,345	7,781,750	8,256,151	8,558,611	23,292,124	25,778,287	25,718,525	27,064,813	28,313,254

¹ Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower.

² Includes District of Columbia.

³ Mariana Islands, Samoa (American), and Virgin Islands.

⁴ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data from Federal Deposit Insurance Corporation.

Table 677. — Nonreal estate farm loans: Amount outstanding Jan. 1 and loans made during the year, by specified lender, United States and Territories, 1964–79¹

Year	Banks and associations supervised by Farm Credit Administration				Farmers Home Administration			Rural Electrification Administration ⁸				Commodity Credit Corporation ¹³	
	All operating banks ²	Production credit associations ^{3,4}	Federal intermediate credit banks; Loans to, and discounts for other financing institutions ³	Banks for cooperatives ⁵	To individuals		Economic opportunity loans ⁷	Loans to cooperatives		Loans to others		Loans to farmers held by CCC	Loans to cooperatives held by CCC
					Operating loans ⁶	Emergency loans ⁶		Telephone ¹⁰	Electric ¹¹	Telephones ⁽¹⁰⁾⁽¹²⁾			
Outstanding Jan. 1													
1964	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965	6,669,394	2,123,403	129,292	840,122	542,987	54,705	2,780,819	261,498	237,183	504,773	1,105,332	1,031,598	1,031,598
1966	7,005,632	2,296,248	131,751	957,826	589,902	57,809	2,890,173	282,770	238,729	544,796	1,026,445	1,204,538	1,204,538
1967	7,689,718	2,598,640	146,091	1,055,163	630,691	65,774	3,044,451	306,770	260,005	581,044	842,066	928,157	928,157
1968	8,547,882	3,042,333	162,473	1,289,819	627,954	71,682	46,022	3,197,667	329,869	257,233	1,156,746	663,649	663,649
1969	9,283,160	3,550,971	181,781	1,506,383	662,690	77,488	66,589	3,376,250	361,215	254,864	1,420,115	1,007,873	1,007,873
1970	9,734,256	3,861,179	183,100	1,576,960	689,407	90,794	70,184	3,593,118	390,786	275,575	1,420,115	1,007,873	1,007,873
1971	10,339,795	4,533,205	224,425	1,731,972	680,368	70,551	61,987	3,785,256	424,685	270,814	1,420,115	1,007,873	1,007,873
1972	11,115,109	5,334,496	222,099	2,029,864	677,175	71,947	52,647	4,047,624	471,467	267,952	1,420,115	1,007,873	1,007,873
1973	12,524,539	6,115,524	238,931	2,013,491	658,468	76,005	41,991	4,312,091	511,969	265,434	1,420,115	1,007,873	1,007,873
1974	14,331,614	6,635,025	252,681	2,297,805	680,181	83,295	31,513	4,627,046	550,878	269,290	1,420,115	1,007,873	1,007,873
1975	17,173,839	7,882,396	383,207	2,576,748	777,752	81,864	22,968	5,052,742	607,661	269,290	1,420,115	1,007,873	1,007,873
1976	18,249,061	9,560,649	403,402	3,575,483	922,067	108,985	17,211	5,611,154	693,487	265,973	1,420,115	1,007,873	1,007,873
1977	20,165,987	10,825,963	372,860	3,978,861	1,026,091	752,209	12,559	6,162,049	779,610	276,709	1,420,115	1,007,873	1,007,873
1978	23,292,124	12,297,052	385,185	5,061,669	1,033,648	842,215	8,281	6,595,822	869,400	284,866	1,420,115	1,007,873	1,007,873
1979	25,718,525	13,584,981	395,497	5,731,719	1,077,517	2,066,970	5,708	7,066,709	953,977	313,322	1,420,115	1,007,873	1,007,873
1979	28,313,254	15,112,202	534,139	6,217,025	1,487,524	4,299,570	3,943	7,594,823	1,033,242	336,565	1,623,664	5,242,647	5,242,647

Made during year

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
1,000 dollars	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156	3,705,156
1,000 dollars	275,796	275,796	275,796	275,796	275,796	275,796	275,796	275,796	275,796	275,796	275,796	275,796	275,796	275,796	275,796
1,000 dollars	297,096	297,096	297,096	297,096	297,096	297,096	297,096	297,096	297,096	297,096	297,096	297,096	297,096	297,096	297,096
1,000 dollars	54,987	54,987	54,987	54,987	54,987	54,987	54,987	54,987	54,987	54,987	54,987	54,987	54,987	54,987	54,987
1,000 dollars	30,411	30,411	30,411	30,411	30,411	30,411	30,411	30,411	30,411	30,411	30,411	30,411	30,411	30,411	30,411
1,000 dollars	247,156	247,156	247,156	247,156	247,156	247,156	247,156	247,156	247,156	247,156	247,156	247,156	247,156	247,156	247,156
1,000 dollars	29,482	29,482	29,482	29,482	29,482	29,482	29,482	29,482	29,482	29,482	29,482	29,482	29,482	29,482	29,482
1,000 dollars	32,243	32,243	32,243	32,243	32,243	32,243	32,243	32,243	32,243	32,243	32,243	32,243	32,243	32,243	32,243
1,000 dollars	8,803	8,803	8,803	8,803	8,803	8,803	8,803	8,803	8,803	8,803	8,803	8,803	8,803	8,803	8,803
1,000 dollars	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525
1,000 dollars	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995
1,000 dollars	48,555	48,555	48,555	48,555	48,555	48,555	48,555	48,555	48,555	48,555	48,555	48,555	48,555	48,555	48,555
1,000 dollars	58,841	58,841	58,841	58,841	58,841	58,841	58,841	58,841	58,841	58,841	58,841	58,841	58,841	58,841	58,841
1,000 dollars	7,939	7,939	7,939	7,939	7,939	7,939	7,939	7,939	7,939	7,939	7,939	7,939	7,939	7,939	7,939
1,000 dollars	54,193	54,193	54,193	54,193	54,193	54,193	54,193	54,193	54,193	54,193	54,193	54,193	54,193	54,193	54,193
1,000 dollars	6,359	6,359	6,359	6,359	6,359	6,359	6,359	6,359	6,359	6,359	6,359	6,359	6,359	6,359	6,359
1,000 dollars	106,210	106,210	106,210	106,210	106,210	106,210	106,210	106,210	106,210	106,210	106,210	106,210	106,210	106,210	106,210
1,000 dollars	8,478	8,478	8,478	8,478	8,478	8,478	8,478	8,478	8,478	8,478	8,478	8,478	8,478	8,478	8,478
1,000 dollars	162,328	162,328	162,328	162,328	162,328	162,328	162,328	162,328	162,328	162,328	162,328	162,328	162,328	162,328	162,328
1,000 dollars	23,477	23,477	23,477	23,477	23,477	23,477	23,477	23,477	23,477	23,477	23,477	23,477	23,477	23,477	23,477
1,000 dollars	115,305	115,305	115,305	115,305	115,305	115,305	115,305	115,305	115,305	115,305	115,305	115,305	115,305	115,305	115,305
1,000 dollars	22,007	22,007	22,007	22,007	22,007	22,007	22,007	22,007	22,007	22,007	22,007	22,007	22,007	22,007	22,007
1,000 dollars	109,580	109,580	109,580	109,580	109,580	109,580	109,580	109,580	109,580	109,580	109,580	109,580	109,580	109,580	109,580
1,000 dollars	43,988	43,988	43,988	43,988	43,988	43,988	43,988	43,988	43,988	43,988	43,988	43,988	43,988	43,988	43,988
1,000 dollars	132,407	132,407	132,407	132,407	132,407	132,407	132,407	132,407	132,407	132,407	132,407	132,407	132,407	132,407	132,407
1,000 dollars	40,243	40,243	40,243	40,243	40,243	40,243	40,243	40,243	40,243	40,243	40,243	40,243	40,243	40,243	40,243

¹ Real estate mortgages or deeds of trust are taken as supplemental security for some of these loans.

² Excludes loans to individuals guaranteed by the Commodity Credit Corporation and certificates of interest in pool of notes.

³ Loans "made" include renewals.

⁴ Loans outstanding include aquatic loans, loans guaranteed by CCC, and loans held by associations in liquidation. Beginning 1972, exclude rural home loans and farm-related business loans.

⁵ Excludes loans secured by CCC documents.

⁶ Loans outstanding are the unpaid balances of loans made directly by FmHA. Loans made include loans made directly by FmHA and loans guaranteed by that agency. For separate data on operating and emergency loans, 1949-65, see *Agricultural Statistics*, 1965, table 7.22.

⁷ Economic opportunity loans are made to farm and nonfarm rural residents. Through June 30, 1971, more than one half of the economic opportunity loans were made to farmers. Loan program was terminated in 1971.

⁸ Loans "outstanding" are cumulative net advances minus principal repayments; loans "made" are net advances to borrowers.

⁹ Approximately 2/3 of the individuals served by these cooperatives are farmers.

¹⁰ Principally loans to public bodies and to power companies.

¹¹ Principally loans to commercial telephone companies.

¹² Includes direct loans made and held by CCC. Excludes pooled loans against which certificates of interest were issued and also loans guaranteed by CCC held by other lending agencies.

¹³ Economics, Statistics, and Cooperatives Service — Economics.

Table 678.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,¹ Jan. 1, 1964–79²

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1964	5.3	4.9	5.2	5.1	5.5	5.7	5.8	5.3	5.3	5.5	5.3
1965	5.3	5.0	5.2	5.2	5.6	5.8	5.8	5.4	5.3	5.4	5.4
1966	5.3	5.0	5.3	5.2	5.6	5.8	5.8	5.4	5.4	5.5	5.4
1967	5.4	5.1	5.3	5.3	5.6	5.9	5.8	5.5	5.5	5.5	5.4
1968	5.5	5.1	5.5	5.4	5.7	6.0	6.0	5.7	5.6	5.6	5.6
1969	5.5	5.2	5.6	5.5	5.8	6.1	6.1	5.8	5.6	5.7	5.7
1970	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.8
1971	5.9	5.5	5.9	5.9	6.2	6.5	6.5	6.2	6.0	5.9	6.0
1972	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	5.9	6.1	6.1
1973	6.6	6.1	6.1	5.9	6.5	6.7	6.3	6.0	6.1	6.2	6.2
1974	6.9	6.4	6.4	6.2	6.9	7.1	6.6	6.5	6.3	6.4	6.5
1975	7.1	6.8	6.7	6.6	7.3	7.5	7.0	6.8	6.7	6.7	6.9
1976	7.3	6.8	7.1	6.7	7.6	7.9	7.2	6.8	6.9	6.9	7.1
1977	7.3	7.1	7.2	7.1	7.5	7.7	7.3	7.1	7.1	7.2	7.2
1978	7.3	7.2	7.3	7.2	7.4	7.7	7.5	6.9	7.2	7.4	7.3
1979 ³	7.6	7.4	7.8	7.6	7.9	8.0	7.9	7.6	7.6	7.8	7.7

¹ For States included in regions, see footnote 1, table 672.

² Contract rates. Excludes Alaska and Hawaii.

³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 679.—Farm real estate debt: Interest charges payable on debt outstanding, by farming regions,¹ 1964–78²

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	49,352	93,409	208,219	89,829	65,920	62,498
1965	54,321	104,055	236,168	104,403	75,645	69,710
1966	60,000	115,048	261,121	117,043	84,358	77,619
1967	65,396	124,382	292,006	133,227	97,509	87,150
1968	70,598	134,298	331,720	155,034	102,867	97,442
1969	77,615	143,364	367,845	175,039	114,410	108,692
1970	85,927	157,595	393,629	189,439	125,676	120,188
1971	94,863	170,683	422,508	203,442	138,141	132,681
1972	113,063	202,849	454,757	217,899	151,297	146,593
1973	135,958	235,930	527,437	253,343	179,583	181,039
1974	167,337	283,294	617,131	292,038	220,519	231,113
1975	161,165	322,692	719,937	327,925	266,815	280,002
1976	173,699	362,192	847,501	382,137	305,241	305,077
1977	216,426	420,765	999,130	449,256	336,602	326,839
1978 ³	234,659	499,725	1,212,413	522,791	389,368	375,977

Year	Delta States	Southern Plains	Mountain	Pacific	United States ⁴
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	57,868	101,693	94,185	128,597	951,570
1965	66,186	113,963	107,730	142,273	1,075,320
1966	74,887	126,636	120,995	159,237	1,197,928
1967	84,628	140,751	133,475	170,042	1,324,650
1968	95,946	158,206	147,065	177,676	1,472,048
1969	109,289	175,609	161,115	190,655	1,624,827
1970	119,192	189,547	173,905	207,014	1,763,471
1971	126,688	203,362	187,612	223,737	1,905,431
1972	129,427	206,585	203,442	249,416	2,077,979
1973	149,471	251,710	236,166	290,827	2,445,281
1974	175,694	308,802	274,522	349,640	2,924,680
1975	202,394	353,428	317,188	404,468	3,360,983
1976	227,727	387,251	362,211	461,505	3,819,642
1977	257,263	410,205	407,339	535,158	4,364,685
1978 ³	296,333	453,233	462,752	655,861	5,109,748

¹ For States included in regions, see footnote 1, table 672.

² Estimated as payable during calendar year.

³ Preliminary.

⁴ Includes Alaska and Hawaii beginning 1965.

Economics, Statistics, and Cooperatives Service—Economics.

Table 680.—Interest rates: Selected series, United States, 1964–78

Year	Federal land banks		Production credit associations, average cost of loans ³	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4-6 months) ⁶	Federal Reserve Bank discount rates, New York ⁷
	Average rate on new loans ¹	Bond rates ²		Discount rates ⁴	Bond rates ²	Rates on loans ⁵	Bond rates ²		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1964	5.60	4.19	6.47	4.62	4.15	4.25-5.50	4.07	3.97	3.50-4.00
1965	5.60	4.31	6.58	4.87	4.46	4.25-5.75	4.49	4.38	4.00-4.50
1966	5.82	4.84	6.87	5.53	5.84	4.75-6.00	6.12	5.55	4.50
1967	6.02	5.02	7.29	5.98	5.16	5.25-6.00	5.60	5.10	4.00-4.50
1968	6.84	5.41	7.34	6.41	6.11	5.75-6.50	6.03	5.90	4.50-5.50
1969	7.82	6.21	7.79	7.23	7.85	6.25-8.50	8.23	7.83	5.50-6.00
1970	8.68	6.97	8.98	8.46	7.41	7.00-9.00	6.99	7.72	5.50-6.00
1971	7.86	6.45	7.28	6.33	5.53	5.25-7.50	5.57	5.11	4.50-5.50
1972	7.42	6.38	7.02	6.00	5.57	4.75-7.25	5.34	4.69	4.50
1973	7.48	6.59	8.09	7.31	7.85	5.50-9.50	8.75	8.15	5.00-7.50
1974	8.14	7.36	9.43	8.78	8.65	8.50-10.50	9.01	9.87	7.75-8.00
1975	8.69	7.60	8.91	8.14	6.88	7.25-10.50	7.03	6.33	6.00-7.75
1976	8.66	7.51	8.24	7.36	6.40	7.25-8.75	6.14	5.35	5.25-6.00
1977	8.39	7.37	7.88	6.94	6.53	6.50-8.00	6.76	5.60	5.25-6.00
1978	8.32	7.68	8.83	8.06	8.15	7.25-9.00	8.66	7.99	6.50-9.50

¹ Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight; within districts, rates are weighted by the number of days in force.

² Weighted average net cost to banks of bonds outstanding at end of year.

³ Rate represents interest (less patronage refunds), service fees, cost of record searches, and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

⁴ Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

⁵ Excludes rates on loans secured by CCC documents.

⁶ Board of Governors of the Federal Reserve System. Annual averages of prevailing open-market rates in New York City.

⁷ Board of Governors of the Federal Reserve System. Annual ranges in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.

Economics, Statistics, and Cooperatives Service—Economics and Farm Credit Administration.

Table 681.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Jan. 1, 1964–79

Year	Debt owed to reporting institutions (excluding CCC)					Debts owed to individuals and others	Total excluding CCC loans	Price-support and storage loans made or guaranteed by CCC ²	Total including CCC loans
	All operating banks	Production credit association	Federal intermediate credit banks ¹	Farmers Home Administration	Total				
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	6,652	2,106	126	594	9,477	6,180	15,657	1,926	17,583
1965	6,990	2,278	125	644	10,036	6,330	16,366	1,543	17,909
1966	7,676	2,579	140	717	11,112	6,950	18,062	1,408	19,470
1967	8,534	3,016	157	738	12,444	7,350	19,794	1,157	20,951
1968	9,272	3,518	176	798	13,764	7,070	20,834	1,420	22,254
1969	9,720	3,826	180	822	14,547	5,840	20,387	2,671	23,058
1970	10,330	4,495	218	785	15,828	5,340	21,168	2,676	23,844
1971	11,102	5,295	220	795	17,412	4,850	22,262	1,876	24,138
1972	12,498	6,078	237	771	19,584	5,060	24,644	2,262	26,906
1973	14,315	6,607	251	781	21,954	5,840	27,794	1,793	29,587
1974	17,167	7,829	331	877	26,204	5,930	32,134	750	32,884
1975	18,238	9,519	374	1,044	29,176	6,050	35,226	319	35,545
1976	20,160	10,773	350	1,772	33,056	6,350	39,406	358	39,764
1977	23,283	12,233	368	1,877	37,761	7,300	45,061	1,012	46,073
1978	25,709	13,508	374	3,141	42,732	8,410	51,142	4,489	55,631
1979 ³	28,273	15,016	509	5,779	49,577	10,420	59,997	5,242	65,239

¹ Loans to and discounts for livestock loan companies and agricultural credit corporations.

² Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.

³ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 682.—Farm Credit System: Loans and discounts made, United States, 1964–78¹

Year	Federal banks	Production credit		Banks for cooperatives	Total
		Production credit associations ²	Federal intermediate credit banks to other financing institutions		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	998,081	3,705,156	275,796	1,165,513	6,144,546
1965	1,235,154	4,135,519	295,518	1,316,229	6,982,420
1966	1,337,250	4,813,178	351,080	1,664,844	8,166,352
1967	1,267,586	5,427,751	386,584	1,743,449	8,825,370
1968	1,101,322	6,052,907	409,768	1,802,226	9,366,223
1969	1,165,895	7,077,351	504,533	1,942,213	10,689,992
1970	1,016,820	8,276,660	621,430	2,476,077	12,390,987
1971	1,555,008	9,421,290	640,654	2,730,148	14,347,100
1972	2,251,035	10,438,649	692,747	3,360,753	16,743,184
1973	3,284,680	13,038,446	856,691	6,388,950	23,568,767
1974	4,243,479	14,398,388	879,070	8,372,547	27,893,484
1975	4,411,268	16,062,551	766,416	8,907,911	30,148,146
1976	4,700,861	18,327,314	830,269	10,820,401	34,678,845
1977	5,730,119	20,147,831	849,423	12,276,751	39,004,123
1978	6,355,003	23,378,215	1,163,579	14,003,509	44,900,641

¹ Includes Puerto Rico.² Includes renewals.

Farm Credit Administration.

Table 683.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1964–79¹

Year	Federal land banks	Production credit		Banks for cooperatives	Net total
		Production credit associations	Other financing institutions		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	3,309,883	2,123,403	129,292	840,122	6,402,700
1965	3,718,170	2,296,248	131,751	957,826	7,103,995
1966	4,280,675	2,598,460	146,091	1,055,163	8,080,389
1967	4,957,836	3,042,333	162,473	1,289,819	9,452,461
1968	5,609,265	3,550,971	181,781	1,506,383	10,848,400
1969	6,126,369	3,861,179	183,100	1,576,960	11,747,608
1970	6,714,172	4,533,205	224,425	1,731,971	13,203,773
1971	7,187,140	5,334,495	222,099	2,029,864	14,773,598
1972	7,918,185	6,115,524	238,931	2,013,491	16,286,131
1973	9,104,930	6,636,076	252,681	2,297,805	18,291,492
1974	11,073,276	7,959,554	333,207	2,576,748	21,842,785
1975	13,863,752	9,560,649	403,402	3,575,483	27,403,286
1976	16,563,886	10,825,963	372,860	3,978,861	31,741,570
1977	19,126,749	12,297,052	385,185	5,061,669	36,870,655
1978	22,137,172	13,584,981	395,497	5,731,719	41,849,369
1979	25,626,461	15,112,199	510,853	6,217,026	47,466,539

¹ Includes Puerto Rico.

Farm Credit Administration.

Table 684.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1978 and outstanding Jan. 1, 1979, and number of associations, Jan. 1, 1979, by States

State and Territory	Federal land bank associations, Jan. 1, 1979	Federal land bank loans			
		Loans made during 1978		Loans outstanding Jan. 1, 1979	
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>
Ala	13	2,007	117,233	12,237	417,965
Alaska ¹	0	33	1,662	188	8,138
Ariz	1	72	17,716	683	70,623
Ark	11	1,364	107,138	8,486	430,590
Calif	26	2,594	403,367	16,510	1,548,543
Colo	12	1,550	165,146	9,625	702,604
Conn. ¹	1	137	13,073	2,254	111,852
Del	1	117	11,486	767	46,924
Fla	7	1,119	143,958	7,688	730,938
Ga	15	2,669	174,479	21,727	950,235
Hawaii	1	66	6,381	255	56,049
Idaho	11	1,082	80,462	10,923	566,933
Ill	17	3,434	493,035	21,546	1,560,903
Ind	24	2,752	267,602	19,392	965,711
Iowa	22	3,982	428,727	28,056	1,543,794
Kans	17	2,938	244,796	23,097	1,043,267
Ky	11	1,811	161,203	9,987	530,050
La	9	1,209	138,127	8,020	460,317
Maine	2	77	4,573	704	33,634
Md	5	513	45,978	3,102	200,067
Mass. ¹	0	0	0	0	0
Mich	12	2,899	202,268	16,751	667,506
Minn	20	3,812	331,579	24,612	1,076,991
Miss	12	1,154	98,294	9,717	428,457
Mo	13	2,569	180,379	17,789	755,524
Mont	10	832	83,988	7,937	536,646
Nebr	11	2,337	230,876	18,136	932,367
Nev	1	90	14,645	528	59,142
N.H. ¹	0	0	0	0	0
N.J	3	110	11,843	1,514	107,490
N.Mex	4	264	36,383	2,215	180,216
N.Y	12	862	49,639	9,921	393,742
N.C	15	4,808	224,509	27,745	857,460
N. Dak	9	1,650	160,900	10,805	575,994
Ohio	19	2,114	235,726	13,669	793,800
Okla	12	2,274	162,521	14,195	721,947
Oreg	10	1,075	93,239	6,714	404,692
Pa	9	1,043	83,940	6,767	333,125
R.I. ¹	0	0	0	0	0
S.C	9	2,161	88,407	13,215	487,786
S. Dak	7	1,175	89,336	12,649	459,613
Tenn	12	1,776	104,067	13,171	479,720
Tex	64	3,507	264,438	34,782	1,427,573
Utah	4	515	41,788	2,450	121,427
Vt. ¹	2	123	9,147	1,663	71,005
Va	8	1,460	92,635	8,907	417,598
Wash. ¹	9	1,339	133,707	8,563	478,641
W. Va	2	351	11,831	1,519	43,112
Wis	15	2,438	230,733	11,450	590,002
Wyo	1	443	49,332	2,281	158,600
U.S	511	72,707	6,342,292	505,412	25,539,313
P.R	1	297	13,046	2,831	87,148
Total	512	73,004	6,355,338	508,243	25,626,461

¹New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island by the association in Connecticut; and Alaska by the association in Washington.

Farm Credit Administration.

Table 685.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1979, loans made during 1978, and loans outstanding on specified dates, 1978 and 1979, by States

State and Territory	Production credit associations Jan. 1, 1979	Members having outstanding loans Jan. 1, 1979	Loans made during 1978 ¹	Loans outstanding		
				1978		1979
				Jan. 1	July 1	Jan. 1
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	8	4,763	243,283	182,269	179,889	179,745
Ariz	3	788	319,973	114,280	133,654	137,832
Ark	14	7,953	579,505	298,492	357,315	346,212
Calif	22	10,819	2,161,649	1,041,323	1,130,880	1,266,369
Colo	8	2,968	715,688	288,996	307,409	329,938
Conn. ²	1	951	18,632	39,709	38,911	38,376
Del	1	806	23,849	26,060	27,764	27,834
Fla	9	5,061	307,126	361,771	350,377	378,112
Ga	20	11,116	535,640	537,717	540,713	508,111
Hawaii	1	195	19,360	14,833	14,300	15,460
Idaho	5	3,567	522,176	233,273	267,014	272,132
Ill	17	9,953	840,375	499,115	482,155	540,582
Ind	10	18,614	1,151,409	675,528	713,357	746,655
Iowa	16	9,275	1,655,326	682,104	672,868	775,710
Kans	14	3,856	781,143	318,023	315,681	343,609
Ky	9	26,873	861,294	601,803	660,316	704,273
La	7	4,457	291,778	186,570	239,535	207,525
Maine	2	943	23,882	29,200	24,993	33,343
Md	5	2,766	67,556	70,668	76,794	79,176
Mass. ²	1	943	17,490	28,879	30,454	29,009
Mich	8	8,122	371,693	226,984	253,471	268,564
Minn	16	11,587	1,081,122	529,475	594,550	624,226
Miss	10	3,895	350,741	184,269	206,659	193,209
Mo	8	11,579	579,576	291,853	311,982	310,358
Mont	11	3,896	473,025	264,214	282,098	262,007
Nebr	14	6,883	997,088	456,871	450,410	457,214
Nev	1	289	69,422	29,632	38,960	37,832
N.H. ²	1	280	4,850	9,456	9,391	9,178
N.J	4	1,132	28,000	44,480	45,529	41,927
N. Mex	4	965	190,521	90,510	100,198	91,898
N.Y	12	10,018	158,565	313,687	294,797	284,991
N.C	17	25,888	466,098	561,220	645,298	593,614
N. Dak	5	7,863	528,703	304,584	327,465	347,656
Ohio	11	28,602	960,854	664,235	723,743	767,856
Okla	14	4,601	592,413	255,384	269,600	310,872
Oreg	8	4,077	486,985	224,945	250,980	259,939
Pa	9	8,535	200,745	181,874	189,337	208,791
R.I. ²	1	205	3,952	5,942	6,407	6,468
S.C	11	8,256	211,219	230,290	247,433	238,517
S. Dak	9	4,019	478,695	199,552	208,640	239,426
Tenn	9	29,748	755,904	573,315	615,205	640,837
Tex	20	12,489	1,543,546	648,465	692,277	757,119
Utah	3	1,185	210,999	89,684	94,598	102,345
Vt. ²	2	1,218	15,657	37,172	35,148	34,843
Va	8	6,342	107,933	123,885	121,340	117,983
Wash	6	2,891	281,576	135,720	159,394	149,150
W. Va	2	1,442	15,367	14,562	15,812	16,566
Wis	17	17,387	928,533	570,432	625,576	681,410
Wyo	1	541	131,883	64,960	74,081	72,013
U.S	411	350,602	23,362,799	13,558,265	14,454,758	15,086,812
P.R	1	870	15,416	26,716	25,162	25,390
Total	412	351,472	23,378,215	13,584,981	14,479,920	15,112,202

¹Includes renewals.

²Massachusetts and Rhode Island are served by the Production Credit Association in Connecticut; New Hampshire is served by association in Connecticut and Vermont.

Farm Credit Administration.

Table 686.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1964–79¹

Year	Association loans			Water and waste loans			Recreation loans			Watershed and flood prevention organization loans		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964 . .	416	57,138	38,343	(2)	(2)	(2)	(2)	(2)	(2)	25	5,065	9,103
1965 . .	574	95,374	80,279	...	...	...	...	...	...	22	3,325	12,337
1966 . .	1,181	190,346	163,390	...	...	...	...	...	...	38	6,319	16,557
1967 . .	1,276	234,911	289,142	...	...	...	...	...	...	27	7,261	20,108
1968 . .	836	161,112	466,334	...	...	...	...	...	...	23	4,979	25,639
1969 . .	(3)	(3)	647,369	655	156,788	...	104	12,915	...	18	2,851	29,280
1970 . .	...	...	...	663	158,052	636,252	29	4,276	91,232	24	4,586	33,772
1971 . .	...	...	...	892	296,303	764,581	18	1,149	97,240	20	8,678	36,658
1972 . .	...	...	...	690	319,345	868,968	...	...	98,646	23	13,940	40,671
1973 . .	...	...	...	688	430,439	1,010,804	1	484	103,514	12	8,917	44,224
1974 . .	...	...	...	679	572,160	1,197,399	(4)	142	98,641	26	18,643	50,029
1975 . .	...	...	...	648	456,120	1,453,806	(4)	46	100,640	13	19,800	54,972
1976 . .	...	...	...	631	472,932	1,900,706	(5)	(5)	98,954	12	6,877	58,748
1977 . .	...	...	...	1,076	693,046	2,143,117	...	...	91,140	8	5,166	60,916
1978 . .	...	...	...	789	824,234	2,584,580	...	...	87,753	11	11,692	67,704
1979 . .	...	...	...	...	...	2,908,602	...	...	84,649	...	...	67,550

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964 . .	8	950	...	...	...	...	...	...	...	...	...	...
1965 . .	7	920	670	...	...	...	...	...	...	259	3,437	...
1966 . .	6	1,237	1,387	...	...	...	...	...	...	320	3,525	2,578
1967 . .	22	2,296	2,031	...	...	...	...	...	...	442	4,592	6,269
1968 . .	47	3,972	4,413	...	...	...	...	...	...	234	5,587	9,803
1969 . .	31	3,087	7,724	...	...	...	...	...	...	56	2,469	13,077
1970 . .	20	1,778	9,246	...	...	...	...	...	...	7	467	15,658
1971 . .	20	1,615	10,790	...	...	...	...	...	...	13	1,033	15,460
1972 . .	15	1,303	11,991	...	...	...	...	...	...	(7)	(7)	15,426
1973 . .	22	3,409	12,531	4	1,169	...	2	212	...	...	...	14,422
1974 . .	15	1,178	12,855	484	246,012	...	165	67,779	...	...	...	13,311
1975 . .	14	1,741	13,842	622	408,435	757	399	276,632	8,863	...	...	12,445
1976 . .	17	2,388	14,457	412	391,703	8,661	291	192,895	85,786	...	...	11,392
1977 . .	8	1,006	11,764	504	377,619	11,201	282	188,397	208,381	...	...	8,566
1978 . .	4	1,137	12,147	1168	1,150,006	20,511	352	245,373	324,373	...	...	6,896
1979 ⁶ . .	...	...	12,942	...	...	22,256	...	...	463,623	...	...	6,128

¹Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

²Included in "Association loans" through 1968; data unavailable for reporting association loan types for the calendar year.

³Beginning in calendar year 1969, association loan funds were reported by project type.

⁴Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

⁵Funding for this program is no longer available.

⁶Latest data available as of September 30, 1978.

⁷Discontinued

Farmers Home Administration.

Table 687.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1964–79¹

Year	Loans to individuals											
	Farm ownership			Soil and water			Recreation			Operating		
	New bor- rowers	Loans made	Out-stand- ing Jan. 1	New bor- rowers	Loans made	Out-stand- ing Jan. 1	New bor- rowers	Loans made	Out-stand- ing Jan. 1	New bor- rowers	Loans made	Out-stand- ing Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1964	11,712	218,367	855,586	830	4,339	22,147	23,169	237,096	542,987	11,407	54,987	54,705
1965	12,274	238,113	1,013,096	650	3,319	21,944	24,322	298,841	589,902	15,927	77,414	57,809
1966	10,665	239,111	1,163,211	858	3,759	20,970	17,380	282,860	630,691	19,668	108,527	65,774
1967	9,856	243,041	1,333,004	879	4,367	20,867	18,694	302,468	627,954	14,989	96,162	71,682
1968	9,093	226,383	1,487,682	1,009	5,354	21,393	16,168	283,226	662,690	18,540	125,979	77,488
1969	9,574	275,613	1,620,777	934	5,146	23,793	15,357	278,196	665,407	8,568	81,237	90,794
1970	7,693	240,814	1,800,418	803	3,859	26,070	13,727	280,998	660,368	9,148	96,617	70,551
1971	9,809	321,690	1,952,869	1,411	8,613	27,005	14,178	287,289	677,175	15,909	129,913	71,947
1972	10,891	345,199	2,162,881	872	5,044	32,080	15,280	330,908	658,468	22,538	166,986	76,005
1973	11,029	387,985	2,293,604	372	2,509	32,712	20,296	471,798	680,181	20,296	491,921	73,295
1974	8,263	364,979	2,446,213	368	3,631	30,440	23,903	544,218	777,752	30,257	184,802	81,864
1975	7,278	355,161	2,644,583	509	6,645	30,541	19,166	536,988	923,550	40,201	880,885	109,764
1976	9,553	496,299	2,826,745	3,641	57,211	31,104	16,549	549,531	1,026,691	8,507	734,731	852,209
1977	9,026	501,871	3,040,062	3,334	60,493	77,283	15,529	539,233	1,033,648	29,707	1,855,311	742,215
1978	10,469	629,639	3,300,445	2,934	53,159	130,084	23,105	851,109	1,077,517	36,003	2,931,858	2,066,970
1979	.....	.....	3,609,729	.....	.....	174,658	.....	.....	1,487,523	.....	.....	4,299,570

Year	Loans to associations						Economic opportunity individual loans			Economic emergency loans			Emergency livestock loans		
	Indian tribe land acquisition			Grazing association			Irrigation, drainage, and soil conservation			New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1						
1964	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979

¹ Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

² Included in "Association loans" through 1968 (see table 686). Data unavailable for report-

ing association project types for the calendar year.

³ Discontinued.

⁴ Latest data available as of September 30, 1978.

Farmers Home Administration.

Table 688.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1964–79¹

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	14,128	127,068	517,890	8	407	763
1965	18,457	150,667	610,273	14	821	1,141
1966	39,383	338,011	701,092	18	2,721	1,945
1967	53,781	493,000	977,565	32	4,171	2,270
1968	53,754	501,084	1,402,636	32	4,845	4,056
1969	55,119	559,440	1,813,352	21	3,323	10,380
1970	89,786	1,060,754	2,241,988	15	1,398	15,100
1971	105,648	1,412,549	3,109,227	12	240	16,814
1972	120,988	1,807,063	4,328,708	76	3,810	16,789
1973	85,286	1,394,506	5,694,574	18	9,969	18,938
1974	102,005	1,939,622	6,700,675	61	8,972	20,735
1975	112,071	2,334,202	8,051,996	97	8,066	23,336
1976	94,522	2,054,706	9,815,075	71	10,366	26,945
1977	113,365	2,687,028	11,083,704	87	5,490	30,803
1978	114,018	3,060,481	12,596,054	85	11,665	38,285
1979			14,495,475			² 40,542

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	28	2,033	158			
1965	49	2,401	1,706			
1966	87	4,792	3,437			
1967	157	7,303	7,947			
1968	327	16,973	13,782			
1969	346	21,458	15,468			
1970	417	29,395	48,790	10	470	
1971	311	29,168	77,349	25	1,738	130
1972	390	48,836	105,755	17	1,693	1,730
1973	445	96,555	139,266	14	2,181	2,248
1974	637	205,580	175,860	9	1,787	2,381
1975	1,034	330,757	283,906	6	1,531	3,369
1976	1,090	433,253	531,051	5	954	4,526
1977	1,243	646,798	758,726	10	2,098	4,789
1978	1,157	729,231	1,069,590	9	3,891	4,688
1979			1,369,615			² 4,481

¹Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

²Latest data available as of September 30, 1978.

Farmers Home Administration.

Table 689.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1964–79¹

Year	Commodity loans	Operating capital loans	Facility loans	Year	Commodity loans	Operating capital loans	Facility loans
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	122,929	392,523	324,670	1972	928,696	1,084,795	
1965	147,222	455,111	355,492	1973	1,148,266	1,149,539	
1966	133,330	522,790	399,043	1974	1,306,431	1,283,396	
1967		² 588,646	³ 701,173	1975	1,991,100	1,595,388	
1968		706,218	800,165	1976	2,109,854	1,878,007	
1969		694,681	882,279	1977	2,721,034	2,340,635	
1970		781,947	950,024	1978	2,900,182	2,831,537	
1971		1,010,717	1,019,147	1979	3,028,524	3,188,501	

See footnotes on page 491.

Table 690.—Farmers' marketing, farm-supply, and related-service cooperatives: Number, memberships, and business, United States, 1964–75

Year ¹	Cooperatives ²				Estimated memberships ⁴				Estimated service receipts ⁵
	Market- ing	Farm supply	Service ³	Total	Market- ing	Farm supply	Service ³	Total	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>Million dollars</i>
1964	5,305	3,085	193	8,583	3,791	3,251	40	7,082	316
1965	5,194	2,949	186	8,329	3,636	3,154	36	6,826	325
1966	5,076	2,871	178	8,125	3,299	3,169	34	6,502	318
1967	4,929	2,835	176	7,940	3,225	3,187	34	6,446	316
1968	4,773	2,793	181	7,747	3,141	3,190	33	6,364	351
1969	4,834	2,775	181	7,790	3,103	3,222	30	6,355	391
1970	5,097	2,731	167	7,995	3,105	3,028	25	6,158	414
1971	4,864	2,781	152	7,797	3,134	2,991	22	6,147	462
1972	4,897	2,801	156	7,854	3,118	2,988	22	6,128	503
1973	4,822	2,778	155	7,755	3,111	2,972	22	6,105	658
1974	4,770	2,729	146	7,645	3,126	2,972	25	6,123	745
1975 ⁶	4,658	2,731	146	7,535	2,812	3,056	38	5,906	855

Year ¹	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business ⁷	Estimated net business ⁸	Estimated gross business ⁷	Estimated net business ⁸	Estimated gross business ⁷	Estimated net business ⁸
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	14,816	11,516	4,495	2,910	19,627	14,742
1965	15,489	12,198	4,805	3,085	20,619	15,608
1966	16,265	12,900	5,314	3,339	21,897	16,557
1967	16,557	13,189	5,565	3,545	22,438	17,050
1968	16,841	13,421	5,643	3,615	22,835	17,387
1969	18,389	14,816	5,986	3,873	24,766	19,080
1970	20,118	15,802	6,749	4,340	27,281	20,556
1971	20,795	16,463	7,396	4,740	28,653	21,665
1972	25,110	19,573	8,841	5,915	34,454	25,991
1973	35,632	26,944	11,395	7,764	47,685	35,366
1974	40,313	31,937	13,416	8,660	54,474	41,342
1975 ⁶	39,456	29,837	15,554	9,412	55,865	40,104

¹ Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions.

² Includes independent local cooperatives, centralized cooperatives, and federations of cooperatives. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative.

³ Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities.

⁴ Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)

⁵ Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

⁶ Preliminary.

⁷ Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm-supply cooperatives with other cooperatives or terminal market sales for local cooperatives.

⁸ Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Economics, Statistics, and Cooperatives Service—Economics. Based on records from cooperatives reporting to the Service.

FOOTNOTES FOR TABLE 689

¹ Includes Puerto Rico.

² Seasonal loans, beginning 1967.

³ Term loans, beginning 1967.

Farm Credit Administration.

Table 691.—Farmers' cooperatives: Number of marketing, farm-supply, and related-service cooperatives and business volume, United States, 1973–74 and 1975–76 (preliminary)

Item	Cooperatives handling		Gross business		Net business ¹	
	1973–74	1975–76	1973–74	1975–76	1973–74	1975–76
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Products marketed:						
Beans and peas (dry edible)	46	53	175,993	137,738	140,985	116,023
Cotton and cotton products	494	519	1,145,027	1,186,478	873,963	959,807
Dairy products	631	579	8,068,197	9,576,989	7,221,972	8,480,086
Fruits and vegetables	436	436	3,378,815	3,894,774	2,387,498	2,860,587
Grain, soybeans, and soybean meal and oil	2,540	2,599	15,574,889	17,449,303	9,645,767	10,633,612
Livestock and livestock products	572	477	3,446,706	3,066,103	3,149,603	2,783,886
Nuts	50	41	497,491	555,094	497,491	555,094
Poultry products	167	151	930,748	944,995	815,194	807,293
Rice	62	61	987,798	870,895	788,406	869,405
Sugar products	62	61	997,517	1,339,763	997,517	1,337,289
Tobacco	28	30	297,505	291,364	297,505	291,364
Wool and mohair	164	177	30,927	21,176	30,927	21,176
Miscellaneous ²	83	82	100,768	121,733	96,964	121,733
Total farm products	³ 4,817	³ 4,840	35,632,381	39,456,405	26,943,792	29,837,355
Supplies purchased:						
Building materials	2,168	2,382	322,353	423,827	248,382	326,409
Containers	842	670	177,489	230,735	134,739	113,323
Farm machinery and equipment	1,304	1,588	329,186	477,842	194,421	266,649
Feed	3,744	3,819	3,355,512	3,477,365	2,463,884	2,495,690
Fertilizer	3,865	3,949	2,523,575	4,241,770	1,588,853	2,284,020
Meats and groceries	486	486	128,234	162,715	95,616	108,134
Petroleum products	2,624	2,983	2,295,119	3,822,851	1,519,186	2,097,658
Seed	3,553	3,526	401,563	476,031	306,198	358,343
Sprays and dusts (farm chemicals)	3,328	3,597	615,545	1,054,517	385,957	627,790
Other supplies ⁴	4,224	4,432	1,246,632	1,185,980	826,791	733,669
Total farm supplies	³ 5,554	³ 5,538	11,395,208	15,553,633	7,764,027	9,411,685
Receipts for services:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	³ 4,586	³ 4,911	⁵ 657,730	⁵ 855,277	⁵ 657,730	⁵ 855,277
Total business	³ 7,755	³ 7,535	47,685,319	55,865,315	35,365,549	40,104,317

¹ Represents value at the first level at which cooperatives transact business for farmers. ² Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. ³ Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual service. ⁴ Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified. ⁵ Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Economics, Statistics, and Cooperatives Service—Cooperatives. Based on records from cooperatives reporting to the Service.

Table 692.—Farmers' cooperatives: Types, numbers, and memberships, United States

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply:		<i>Number</i>	<i>Number</i>
Marketing ¹	1975-76	² 4,658	2,811,858
Farm supply ¹	1975-76	³ 2,731	3,056,071
Miscellaneous services ^{1 4}	1975-76	⁵ 146	38,450
Service:			
Federal land bank associations ⁶	June 30, 1977	534	⁷ 483,901
Production credit associations ⁶	June 30, 1977	429	526,245
Banks for cooperatives ⁶	June 30, 1977	13	⁸ 3,438
Rural credit unions ⁹	Jan. 1, 1978	957	1,625,733
Rural electric cooperatives ¹⁰	Jan. 1, 1977	¹¹ 914	¹² 7,664,668
Rural telephone cooperatives ¹⁰	Jan. 1, 1977	245	805,335
Production:			
Dairy-herd-improvement associations ¹³	Jan. 1, 1977	1,028	33,755

See footnotes on page 496.

Table 693.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm-supply, and related-service cooperatives, by States, 1973-74 and 1975-76 (preliminary)

State	Cooperatives head-quartered in State		Cooperatives doing business in State ¹		Memberships in State		Net business ²	
	1973-74	1975-76	1973-74	1975-76	1973-74	1975-76	1973-74	1975-76
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	71	98	84	111	80,000	101,689	331,428	511,844
Alaska	2	1	2	1	350	15	3,648	11,465
Ariz	17	18	28	27	85,135	89,639	194,605	283,807
Ark	108	121	127	142	108,350	106,820	825,669	812,619
Calif	293	277	306	292	91,925	85,285	³ 2,996,793	³ 3,922,342
Colo	85	81	94	90	50,095	48,615	437,085	482,873
Conn	11	8	19	15	5,375	5,065	113,113	108,881
Del	8	7	13	12	13,355	17,165	42,559	57,209
Fla	93	86	106	98	54,280	60,500	737,830	948,633
Ga	89	94	101	107	169,865	154,488	567,305	843,525
Hawaii	19	18	21	21	2,385	2,183	22,153	24,285
Idaho	68	60	85	80	47,675	39,498	323,212	266,033
Ill	307	279	324	296	316,900	308,519	2,136,149	2,661,155
Ind	111	106	132	129	409,890	365,135	925,920	1,311,114
Iowa	462	447	494	474	371,790	326,981	2,820,230	2,989,547
Kans	268	261	287	279	201,445	204,716	1,615,583	1,675,209
Ky	82	82	95	91	204,835	232,389	379,340	360,735
La	100	100	114	115	17,430	18,519	274,518	360,726
Maine	10	10	15	15	9,975	7,025	94,341	95,834
Md	39	37	50	45	44,380	59,765	345,946	382,148
Mass	18	17	21	21	10,275	10,965	152,248	158,365
Mich	146	141	162	158	124,805	137,946	914,926	1,068,202
Minn	1,073	1,048	1,098	876	589,185	597,557	2,626,788	2,909,767
Miss	138	133	153	147	126,030	118,593	666,756	501,342
Mo	156	146	178	172	248,045	239,717	906,220	1,005,871
Mont	225	226	235	225	81,440	73,752	241,378	316,226
Nebr	340	336	369	360	262,095	246,065	1,259,415	1,374,912
Nev	5	3	11	9	935	305	6,954	14,737
N.H	7	7	14	14	3,765	6,202	52,740	57,472
N.J	36	33	44	40	16,965	16,221	211,463	177,308
N. Mex	22	23	35	33	7,315	6,832	65,806	74,211
N.Y	285	247	294	256	139,370	140,718	1,508,506	1,472,131
N.C	31	38	45	51	146,250	132,289	421,389	449,994
N. Dak	671	664	685	556	262,450	201,387	1,123,438	1,216,593
Ohio	202	199	216	212	216,545	213,547	1,176,477	1,500,457
Okla	154	151	168	164	140,665	132,462	689,284	736,039
Oreg	72	66	90	82	57,070	54,655	570,753	663,847
Pa	105	98	124	117	77,830	76,805	804,221	957,108
R.I	1	1	3	4	920	865	11,497	15,157
S.C	22	21	31	30	40,915	63,957	130,572	170,252
S. Dak	321	314	337	294	175,275	168,723	614,030	647,111
Tenn	105	103	123	118	151,505	157,245	364,241	388,774
Tex	453	440	475	455	141,825	133,073	1,743,689	1,675,285
Utah	43	39	48	44	27,535	19,919	239,008	288,124
Vt	10	8	15	13	6,980	6,879	150,082	163,172
Va	117	114	135	128	179,735	190,125	529,080	511,570
Wash	149	138	167	157	102,930	76,669	917,124	1,169,168
W. Va	63	67	74	78	48,930	67,506	88,506	86,012
Wis	511	494	529	483	420,955	372,891	1,838,411	2,103,583
Wyo	31	29	37	35	11,285	8,673	42,855	65,746
United States	7,755	7,535	.....	.....	6,105,260	5,906,104	35,255,284	40,047,800
Foreign . . . . .	.....	.....	8	8	270	275	⁴ 110,265	⁴ 56,517
Total	7,755	7,535	.....	.....	6,105,530	5,906,379	35,365,549	40,104,317

¹Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication.

²Represents value at the first level at which cooperatives transact business for farmers.

³Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

⁴Sales outside the United States, and to domestic military installations.

Economics, Statistics, and Cooperatives Service—Economics.

Table 694.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1979¹

State and Territory	Bor- rowers	Total financing			Financing to cooperative associations ³		Financing by purpose			Miles of line provided for by financing ⁽⁶⁾	Con- sumers provided for by financing ⁽⁶⁾
		REA loans	Non-REA financing		Bor- rowers	Amount ^{(2) (4)}	Distri- bution	Genera- tion and trans- mission ^{2 4}	Con- sumer facilities ⁵		
			With REA guaran- tee	Without REA guaran- tee ²							
	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number
Ala	27	293,153	265,553	23,900	24	568,624	223,450	357,797	1,359	49,898	375,816
Alaska . .	15	456,682	130,584	34,941	13	619,229	205,932	415,186	1,089	7,506	105,943
Ariz . . .	13	115,429	298,779	8,351	8	417,588	63,913	358,156	490	9,452	63,979
Ark	21	434,208	315,000	29,708	20	778,393	310,737	463,708	4,471	55,797	306,237
Calif . . .	10	56,249	0	1,325	7	33,023	46,618	10,900	56	5,806	70,736
Colo . . .	24	610,624	855,471	58,831	24	1,524,925	329,764	1,195,087	75	53,703	215,316
Conn . . .	0	0	0	0	0	0	0	0	0	0	0
Del	1	19,826	0	3,150	1	22,976	21,645	1,328	3	2,987	27,145
Fla	18	318,940	9,000	54,555	16	382,283	328,260	51,716	2,519	42,476	381,857
Ga	48	391,462	1,457,323	85,376	46	1,933,897	444,784	1,486,418	2,959	93,290	688,201
Hawaii . .	0	0	0	0	0	0	0	0	0	0	0
Idaho . . .	10	83,058	0	5,983	10	89,041	74,060	13,784	1,197	10,596	38,821
Ill	31	318,411	317,761	25,197	30	661,288	246,617	414,540	212	53,027	212,430
Ind	48	274,695	1,082,684	29,624	47	1,386,573	202,391	1,183,896	716	47,929	308,524
Iowa . . .	57	482,267	132,738	37,267	54	650,672	256,415	395,460	397	63,957	176,792
Kans . . .	37	348,202	8,031	7,542	36	363,769	257,196	106,164	415	68,227	153,614
Ky	29	657,440	769,702	168,996	28	1,596,137	371,068	1,223,911	1,159	68,915	485,921
La	20	304,881	629,000	50,874	18	976,258	242,482	742,096	177	39,007	289,199
Maine . . .	4	15,547	0	632	4	16,179	12,191	3,944	44	1,735	12,280
Md	2	87,488	0	14,160	2	101,648	84,581	17,067	0	9,466	81,383
Mass . . .	0	0	0	0	0	0	0	0	0	0	0
Mich . . .	15	240,073	226,715	9,606	15	476,394	148,807	327,114	473	28,198	185,818
Minn . . .	53	593,223	1,362,207	35,150	51	1,989,622	382,781	1,603,453	4,346	99,797	386,783
Miss . . .	29	348,346	209,913	27,698	27	584,582	294,279	290,984	694	67,580	427,739
Mo	49	751,484	175,871	64,400	48	991,720	428,785	562,149	821	103,766	464,315
Mont . . .	26	143,823	0	3,151	26	146,974	128,029	18,717	228	38,580	81,576
Nebr . . .	36	320,651	0	8,169	4	39,104	242,258	86,000	562	72,066	155,124
Nev	8	42,690	0	256	3	35,611	29,255	13,443	248	4,752	11,162
N.H	1	52,719	0	333	1	53,051	50,625	2,395	32	3,915	44,701
N.J	2	8,866	0	1,388	2	10,254	9,494	756	4	781	10,299
N. Mex . .	18	204,588	0	8,901	17	213,355	135,569	74,910	3,010	33,201	113,545
N.Y	6	17,746	0	2,483	5	18,366	19,752	392	85	4,282	19,647
N.C	34	360,903	0	54,996	29	415,004	367,832	43,432	4,635	59,898	486,389
N. Dak . .	27	610,686	884,077	342,178	25	1,831,341	198,217	1,636,738	1,986	63,999	91,703
Ohio . . .	29	246,962	45,610	368,927	28	655,257	194,794	466,487	218	36,816	230,162
Okla . . .	29	489,257	108,701	33,796	27	631,453	386,959	242,119	2,676	84,671	325,860
Oreg . . .	18	157,477	69,827	15,240	17	238,596	143,749	98,558	237	19,947	89,223
Pa	13	143,008	241,408	20,609	13	405,026	159,988	244,798	239	22,943	160,124
R.I	0	0	0	0	0	0	0	0	0	0	0
S.C	26	343,044	13,699	32,600	24	384,837	257,351	129,761	2,231	46,594	336,779
S. Dak . .	34	281,837	11,978	4,479	34	298,294	210,196	87,217	881	61,717	110,625
Tenn . . .	32	224,685	0	29,389	20	234,761	252,881	1,148	45	58,834	546,417
Tex	100	1,039,666	429,381	91,046	98	1,502,357	823,776	733,793	2,524	212,076	838,946
Utah . . .	6	45,916	0	2,677	6	48,594	27,062	21,407	124	4,658	16,197
Vt	2	41,071	0	1,454	2	42,525	23,277	18,345	903	2,545	15,145
Va	20	240,979	0	35,751	19	276,537	260,140	15,923	667	33,949	240,462
Wash . . .	23	138,266	0	10,656	11	111,793	140,532	8,138	252	18,886	80,764
W. Va . . .	1	4,440	0	0	1	4,440	4,435	0	5	688	4,311
Wis	31	348,347	343,966	14,088	30	706,310	142,593	561,999	1,809	38,302	155,846
Wyo	15	138,393	0	5,796	14	144,110	105,026	39,062	101	24,618	57,402
U.S . . .	1,098	12,847,708	10,394,979	1,865,629	985	24,612,771	9,290,546	15,770,396	47,374	1,931,833	9,681,258
P.R	1	141,862	0	0	0	0	0	0	0	12,344	288,170
V.I	2	3,350	0	0	0	0	2,691	659	0	176	5,457
Total . .	1,101	12,992,920	10,394,979	1,865,629	985	24,612,771	9,405,390	15,800,764	47,374	1,944,353	9,974,885

¹ State totals represent data for borrowers incorporated within the State.

² Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing.

³ Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$360,174,571; municipalities and other Government authorities, 36 borrowers, \$252,020,375; power companies, 26 borrowers, \$28,562,038.

⁴ Includes \$10,394,979,000 in REA guarantee commitments made as of Jan. 1, 1979.

⁵ Funds loaned to corporate borrowers for lending to individuals. Includes wiring, plumbing, and refrigeration installations.

⁶ Includes miles energized and consumers served, shown in table 695 and 696.

Table 695.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1978, by States and Territories¹

State and Territory	Total advances as of Jan. 1, 1979 ^{2,3}	Statistics for borrowers in operation								
		As of Jan. 1, 1979			Calendar year 1978					
		Bor- rowers	Miles ener- gized ⁴	Con- sumers served ⁴	Kw.-hr. generated	Kw.-hr. pur- chased ⁵	Kw.-hr. sales ⁶	Total revenue ⁶	Average monthly kw.-hr. consumption per consumer	
									All con- sumers	Resi- dential con- sumers ⁷
	<i>1,000 dollars</i>	<i>Num- ber</i>	<i>Miles</i>	<i>Num- ber</i>	<i>1,000 kw.-hr</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>	<i>Kw.- hr.</i>	<i>Kw.- hr.</i>
Ala	261,531	26	50,597	329,910	767,802	6,545,851	4,883,890	172,533	1,218	1,003
Alaska	353,390	14	6,880	97,275	1,812,569	537,733	1,690,109	80,607	1,927	928
Ariz	110,709	13	9,930	65,199	711,442	2,762,777	2,068,265	78,527	2,050	601
Ark	386,142	21	54,361	255,608	1,987,872	7,207,029	3,205,855	130,385	1,072	824
Calif	50,278	9	5,191	46,610	0	569,414	527,758	6,224	1,400	892
Colo	529,440	24	51,207	206,144	1,912,085	8,044,217	3,624,148	123,800	1,538	724
Conn	0	0	0	0	0	0	0	0	0	0
Del	18,575	1	3,000	27,709	0	313,383	281,483	13,083	861	809
Fla	286,090	18	40,192	334,837	104,068	4,591,186	3,997,326	204,500	1,060	829
Ga	372,593	46	93,178	607,750	1,688,938	13,141,244	7,239,462	326,561	1,056	903
Hawaii	0	0	0	0	0	0	0	0	0	0
Idaho	71,129	10	10,271	36,103	0	906,561	802,625	14,753	1,925	1,174
Ill	284,907	30	52,082	197,811	988,553	3,599,599	2,997,247	135,539	1,250	996
Ind	253,449	44	48,382	298,294	1,412,294	5,420,600	4,371,035	163,043	1,258	1,071
Iowa	420,351	57	62,931	168,583	1,229,772	5,069,740	3,391,582	121,447	1,491	1,273
Kans	292,606	36	63,814	133,891	643,397	2,948,338	2,225,458	100,476	1,485	828
Ky	626,479	28	67,819	410,173	7,730,373	15,300,897	12,274,538	312,957	2,429	1,009
La	280,811	17	37,052	239,361	1,210,320	6,115,576	3,370,925	105,304	1,207	1,001
Maine	14,045	4	1,624	11,933	31	90,456	80,450	4,354	569	358
Md	75,294	2	9,244	79,505	0	1,320,811	1,226,187	50,283	1,302	891
Mass	0	0	0	0	0	0	0	0	0	0
Mich	205,533	15	27,529	171,412	382,907	1,950,556	1,252,998	67,936	622	526
Minn	484,640	53	99,316	384,119	760,316	9,573,401	5,313,611	191,306	1,157	963
Miss	328,021	29	70,035	405,375	1,252,040	7,780,655	6,142,283	238,293	1,369	927
Mo	704,122	47	102,840	399,027	4,542,392	16,148,203	6,329,093	201,728	1,151	854
Mont	131,547	26	39,297	78,173	0	1,981,767	1,260,822	28,104	1,378	1,062
Nebr	291,086	36	69,664	146,627	0	5,197,044	2,594,996	98,384	1,671	1,094
Nev	39,285	8	4,090	11,603	0	399,508	323,071	8,650	2,614	876
N.H	40,732	1	3,794	41,410	0	350,435	316,748	16,749	647	523
N.J	7,694	2	759	9,573	0	73,480	63,001	2,838	765	690
N. Mex	177,875	18	33,200	104,502	367,555	2,923,390	1,800,426	67,212	1,483	441
N.Y	14,914	5	3,707	16,277	0	117,762	104,997	2,925	896	863
N.C	324,873	32	59,029	415,740	0	5,270,379	4,665,894	193,475	992	839
N. Dak	562,110	27	62,290	85,824	8,566,220	4,114,742	5,821,646	130,489	1,880	1,224
Ohio	232,600	29	36,740	225,418	5,960,534	950,187	3,069,478	146,155	1,252	1,052
Okla	434,944	29	83,258	264,991	2,584,178	5,294,838	4,315,232	153,813	1,353	895
Oreg	144,518	17	19,638	87,455	0	2,566,945	2,357,424	36,473	2,378	1,369
Pa	124,559	13	22,453	143,871	0	3,126,553	1,390,380	59,735	800	730
R.I	0	0	0	0	0	0	0	0	0	0
S.C	313,548	22	46,222	295,681	0	6,979,995	3,670,468	137,212	1,089	928
S. Dak	245,519	34	59,778	98,912	0	3,971,415	1,622,692	50,639	1,375	1,133
Tenn	208,608	32	60,202	534,650	0	11,651,224	10,912,852	323,989	1,771	1,332
Tex	964,662	80	211,247	738,571	2,330,628	11,466,896	9,663,315	400,820	1,099	767
Utah	41,763	6	4,553	16,004	35,274	820,840	772,545	16,514	4,240	847
Vt	25,567	2	2,515	14,636	0	153,994	135,955	7,140	812	725
Va	218,274	16	33,470	212,122	2,883	3,143,296	2,896,388	124,283	1,170	858
Wash	128,834	23	18,814	76,970	496	2,406,863	2,185,763	29,099	2,725	1,605
W. Va	4,364	1	673	3,795	0	29,308	23,546	1,301	523	498
Wis	314,991	31	38,394	152,282	2,983,051	2,082,968	2,284,250	81,775	1,058	894
Wyo	116,978	15	24,138	54,782	10,254	2,127,799	1,904,545	48,449	3,020	930
U.S	11,519,980	1,049	1,905,400	8,736,498	51,978,244	198,146,813	141,452,762	5,009,862	1,339	937
P.R	141,862	1	12,362	225,189	493,971	0	455,243	0	0	0
V.I	430	2	97	853	0	0	0	0	0	0
Total	11,662,272	1,052	1,917,859	8,962,540	52,472,215	198,146,813	141,908,005	5,009,862	1,339	937

¹State totals represent data for borrowers incorporated within the State.²Actual funds advanced out of REA loans approved, as shown in table 694.³Cumulative.⁴Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1979, there were 68 such borrowers with 25,498 miles energized and 144,266 consumers served.⁵Includes energy sold by one REA borrower to another.⁶Excludes energy sales and revenues of power sold by one REA borrower to another.⁷Includes rural nonfarm and farm consumers.

Table 696.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1964–79

Year	Total advances as of Jan. 1 ¹	Statistics for borrowers in operation								
		As of Jan. 1			During year				Average monthly kw.-hr. consumption per consumer	
		Bor- rowers	Miles ener- gized ²	Con- sumers served ²	Kw.-hr. gener- ated	Kw.-hr. pur- chased ³	Kw.-hr. sales ³	Total revenue ³	All con- sumers	Resi- dential con- sumers ⁴
	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.
1964 ..	4,330,973	1,046	1,526,812	5,237,912	8,039,115	36,906,633	39,836,854	802,431	616	456
1965 ..	4,593,153	1,051	1,547,143	5,386,088	8,833,866	39,104,323	42,668,054	846,520	654	479
1966 ..	4,909,826	1,052	1,566,772	5,541,478	11,546,699	42,824,994	48,439,056	911,545	708	515
1967 ..	5,182,750	1,051	1,586,502	5,652,844	13,709,927	45,399,786	52,880,144	977,057	751	543
1968 ..	5,524,114	1,052	1,606,497	5,806,017	14,509,058	50,917,031	58,303,933	1,059,686	812	593
1969 ..	5,934,571	1,052	1,627,445	5,986,140	18,072,872	56,031,381	66,421,021	1,168,306	876	643
1970 ..	6,261,549	1,049	1,650,240	6,196,967	23,813,687	60,478,441	76,009,289	1,309,464	948	687
1971 ..	6,655,111	1,050	1,676,001	6,442,332	27,759,662	65,494,403	84,282,836	1,482,254	998	711
1972 ..	7,059,553	1,048	1,700,348	6,747,698	32,290,340	70,610,260	92,534,163	1,680,718	1,063	754
1973 ..	7,522,195	1,047	1,732,545	7,076,249	32,045,118	79,235,190	100,688,298	1,912,502	1,120	793
1974 ..	8,070,542	1,046	1,766,701	7,457,123	32,795,053	84,520,287	105,690,807	2,316,436	1,149	803
1975 ..	8,755,257	1,047	1,797,525	7,767,813	33,462,818	91,874,602	112,669,814	2,971,882	1,191	840
1976 ..	9,508,607	1,050	1,827,896	8,017,654	38,660,059	172,168,925	124,004,376	3,556,049	1,254	866
1977 ..	10,143,415	1,048	1,857,434	8,311,779	46,014,515	186,347,607	131,547,776	4,212,317	1,313	910
1978 ..	10,868,424	1,051	1,890,173	8,630,818	52,472,215	198,146,813	141,908,005	5,009,862	1,339	937
1979 ..	11,662,272	1,052	1,917,859	8,962,540	.....	.....	.....	.....	.....	.....

¹ Cumulative from organization, May 11, 1935.² Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1979, there were 68 such borrowers with 25,498 miles energized and 144,266 consumers served.³ Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.⁴ Includes rural nonfarm and farm consumers.⁵ Actual funds advanced out of REA loans approved, as shown in table 694.

Rural Electrification Administration.

FOOTNOTES FOR TABLE 692

¹ Economics, Statistics, and Cooperatives Service, U.S. Department of Agriculture.² When associations marketing farm products but principally engaged in providing some other services are included, the total is 4,840.³ When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 5,538.⁴ Includes trucking, storage, grinding, locker plant, and other services.⁵ When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 4,911.⁶ Farm Credit Administration.⁷ Represents the number of Federal land bank loans outstanding as of June 30, 1977.⁸ Cooperative associations borrowing from banks for cooperatives.⁹ Credit Union National Association, Inc.¹⁰ Rural Electrification Administration, U.S. Department of Agriculture.¹¹ Includes associations that are REA repaid borrowers.¹² Includes only memberships of associations financed by REA.¹³ Science and Education Administration, U.S. Department of Agriculture.

Economics, Statistics, and Cooperatives Service—Cooperatives.

Table 697.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1964–78

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins ¹	Total utility plant
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	876,847	585,496	56,660	134,891	115,310	4,696,455
1965	937,986	637,367	58,950	141,547	116,382	4,978,735
1966	1,021,917	706,268	61,946	150,681	120,942	5,352,578
1967	1,108,139	777,279	64,639	158,721	125,194	5,776,334
1968	1,206,781	860,947	67,227	166,099	130,538	6,166,602
1969	1,337,017	968,228	71,451	176,651	140,066	6,592,785
1970	1,535,114	1,147,002	78,108	193,030	144,191	7,175,316
1971	1,766,495	1,343,836	84,346	209,488	156,972	7,706,276
1972	2,025,431	1,556,061	93,324	224,069	185,756	8,313,088
1973	2,337,744	1,823,131	102,730	240,241	220,841	9,043,262
1974	2,905,127	2,387,240	128,036	262,013	180,481	10,109,337
1975	3,887,688	3,257,727	181,127	291,742	210,682	11,845,119
1976	4,725,869	3,976,370	214,947	328,245	264,606	14,031,055
1977	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848
1978	7,038,706	5,924,401	386,331	431,372	389,250	20,352,316

¹Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

Table 698.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of Sept. 30, 1978¹

State	Farms with service		State	Farms with service	
	<i>Number</i>	<i>Percent²</i>		<i>Number</i>	<i>Percent²</i>
Ala	75,250	99	Nebr	67,250	99
Alaska	300	97	Nev	1,900	90
Ariz	5,700	86	N.H.	2,975	99
Ark	67,250	99	N.J.	8,200	99
Calif	74,250	99	N. Mex	11,550	90
Colo	28,550	98	N.Y.	56,450	99
Conn	3,950	99	N.C.	113,850	99
Del	3,450	99	N. Dak	40,800	98
Fla	38,100	99	Ohio	106,400	99
Ga	68,300	99	Okla	84,000	99
Hawaii	3,700	90	Oreg	33,650	99
Idaho	26,650	99	Pa	71,300	99
Ill	115,850	99	R.I.	730	99
Ind	94,050	99	S.C.	44,300	98
Iowa	126,700	99	S. Dak	42,250	98
Kans	74,950	99	Tenn	108,900	99
Ky	115,850	99	Tex	191,900	97
La	42,550	99	Utah	13,200	99
Maine	7,500	99	Vt	6,650	99
Md	17,250	99	Va	60,350	99
Mass	5,250	99	Wash	36,150	99
Mich	71,300	99	W. Va	25,550	98
Minn	112,850	99	Wis	98,000	99
Miss	77,050	99	Wyo	7,900	99
Mo	131,550	99			
Mont	22,450	98	U.S.	2,644,805	99

¹Includes service from REA borrowers and all other suppliers. Estimated by REA.

²Percentage is of the total number of farms as estimated for 1978 by the Crop Reporting Board, ESCS. State figures are rounded to the nearest whole percentage.

Rural Electrification Administration.

Table 699.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1964–78¹

Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill
	<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>
1964	700	2.31	16.20	1969 . . .	880	2.09	18.40	1974 . . .	1,084	2.66	28.80
1965	716	2.27	16.30	1970 . . .	918	2.12	19.50	1975 . . .	1,150	3.07	35.30
1966	749	2.20	16.50	1971 . . .	958	2.18	20.80	1976 . . .	1,307	3.35	43.80
1967	768	2.17	16.80	1972 . . .	1,007	2.23	22.50	1977 . . .	1,311	3.68	48.10
1968	819	2.15	17.60	1973 . . .	1,048	2.31	24.20	1978 . . .	1,334	3.98	53.20

¹Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 700.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, by States, 1977 and 1978¹

State	Average monthly kw.-hr. used		Monthly bill		Cost per kw.-hr.	
	1977	1978	1977	1978	1977	1978
	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>
Ala	1,100	1,090	40.70	43.60	3.70	4.00
Ariz	4,000	3,000	168.00	144.00	4.20	4.80
Ark	1,200	1,200	50.40	52.80	4.20	4.40
Calif	4,700	3,700	197.00	163.00	4.20	4.40
Colo	1,500	1,400	49.50	49.00	3.30	3.50
Conn	1,700	1,700	73.10	73.10	4.30	4.30
Del	1,400	1,400	68.60	70.00	5.20	5.00
Fla	1,800	1,900	82.80	95.00	4.60	5.00
Ga	1,240	1,320	47.10	55.40	3.80	4.20
Idaho	2,500	2,000	62.50	52.00	2.50	2.60
Ill	1,100	1,160	45.10	54.50	4.10	4.70
Ind	1,200	1,200	42.00	46.80	3.50	3.90
Iowa	1,300	1,360	52.00	58.50	4.00	4.30
Kans	1,100	1,100	44.00	49.50	4.00	4.50
Ky	900	980	27.90	35.30	3.10	3.60
La	1,100	1,250	31.90	37.50	2.90	3.00
Maine	1,600	1,600	62.40	62.40	3.90	3.90
Md	1,320	1,380	52.80	63.50	4.00	4.60
Mass	1,400	1,500	70.00	69.00	5.00	4.60
Mich	1,100	1,090	46.20	52.30	4.20	4.80
Minn	1,420	1,470	46.90	54.40	3.30	3.70
Miss	1,140	1,110	44.50	47.70	3.90	4.30
Mo	850	890	32.30	38.30	3.80	4.30
Mont	1,310	1,430	28.80	37.20	2.30	3.60
Nebr	1,200	1,300	44.40	52.00	3.70	4.00
Nev	2,200	2,000	88.00	80.00	4.00	4.00
N.H	1,600	1,800	73.60	84.60	4.60	4.70
N.J	1,200	1,100	69.60	62.70	5.50	5.70
N. Mex	1,100	900	50.60	45.00	4.40	5.00
N.Y	1,800	1,800	66.60	68.40	3.70	3.80
N.C	1,050	1,070	38.80	43.90	3.70	4.10
N. Dak	1,110	1,200	34.40	38.40	3.10	3.20
Ohio	1,150	1,180	43.70	50.70	3.80	4.30
Okla	860	910	33.50	39.10	3.90	4.30
Oreg	2,100	2,000	44.10	48.00	2.10	2.40
Pa	1,550	1,450	60.40	59.40	3.90	4.10
R.I	1,100	1,200	55.00	60.00	5.00	5.00
S.C	1,000	1,040	38.00	42.60	3.80	4.10
S. Dak	1,100	1,180	36.30	40.10	3.30	3.40
Tenn	1,020	1,050	25.50	30.40	2.50	2.90
Tex	1,200	1,300	50.40	55.90	4.20	4.30
Utah	1,400	1,200	46.20	44.40	3.40	3.70
Vt	2,150	2,200	90.30	94.60	4.40	4.30
Va	1,150	1,180	44.80	50.70	3.90	4.30
Wash	2,500	2,500	40.00	40.00	1.60	1.60
W. Va	780	810	28.90	31.60	3.70	3.90
Wis	1,560	1,680	60.80	67.20	3.90	4.00
Wyo	1,400	1,400	39.20	43.40	2.80	3.10
U.S	1,311	1,334	48.10	53.20	3.68	3.98

¹Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 701.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1964–78

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin ¹	Total telephone plant ²
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	804	168,500	93,801	15,520	42,897	16,984	1,057,169
1965	816	186,991	103,671	16,630	47,776	19,702	1,167,878
1966	814	215,112	117,848	17,900	53,653	26,543	1,298,518
1967	811	238,888	132,228	19,316	60,856	27,322	1,471,165
1968	811	271,697	150,900	21,152	67,780	33,115	1,639,137
1969	805	310,421	172,942	23,097	76,266	38,386	1,827,508
1970	808	362,694	200,917	26,250	86,348	49,281	2,084,584
1971	813	407,405	224,489	30,064	97,600	55,872	2,295,344
1972	822	464,764	256,688	33,752	110,586	62,879	2,569,301
1973	831	555,318	307,457	41,246	127,728	76,801	2,964,312
1974	848	659,732	366,052	53,830	146,475	91,261	3,422,383
1975	858	753,100	422,396	66,202	166,709	95,456	3,849,740
1976	876	899,335	703,300	85,705	195,087	112,397	4,373,731
1977	896	1,086,604	854,119	101,996	232,251	131,485	5,073,933
1978 ³	902	1,305,261	754,020	117,455	270,383	160,807	5,769,947

¹Includes other income and deductions (net), and other fixed charges not shown elsewhere in this table.²Investment in physical plant and related facilities.³Preliminary.

Rural Electrification Administration.

Table 702.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1964–79

Year	Total advances as of Jan. 1 ¹		Operating statistics as of Jan. 1				Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	Telephones in service	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
1964	835,844		784	10,603	1,523,406	1,762,244	168,500
1965	917,896		804	11,075	1,626,590	1,899,904	186,991
1966	1,001,966		816	11,567	1,726,359	2,045,956	215,112
1967	1,088,721		814	12,220	1,825,861	2,195,346	238,888
1968	1,193,344		811	12,827	1,944,334	2,369,153	271,697
1969	1,297,544		811	13,389	2,067,025	2,561,495	310,421
1970	1,412,712		806	14,088	2,184,575	2,754,689	362,694
1971	1,553,050		809	15,448	2,334,511	2,988,849	407,405
1972	1,697,908		813	15,460	2,428,868	3,157,109	464,764
1973	1,820,970	17,492	822	16,300	2,574,814	3,423,892	555,318
1974	1,933,685	80,832	831	17,446	2,725,030	3,713,976	659,732
1975	2,070,171	207,379	848	19,580	2,919,113	4,084,393	753,100
1976	2,211,707	334,737	858	20,045	3,045,292	4,355,445	899,335
1977	2,370,610	429,329	876	21,188	3,283,223	4,796,426	1,086,604
1978	2,526,906	515,020	895	23,475	3,599,069	5,388,071	² 1,305,261
1979 ²	2,674,893	³ 660,210	902	26,270	3,877,060	5,925,460	.....

¹Cumulative from organization, Oct. 28, 1949.²Preliminary, except total advances.³Actual funds advanced out of loans approved, as shown in table 704.

Rural Electrification Administration.

Table 703.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1979, and revenues for 1978, by States and Territories¹

State and Territory	Total advances as of Jan. 1, 1979 ^{2,3}		Operating statistics as of Jan. 1, 1979			Revenues for 12 months ending Dec. 31, 1978 ⁴
	REA	RTB	Borrowers reporting	Total subscribers	Telephones in service	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Ala	80,928	31,083	24	107,862	156,687	32,650
Alaska	18,696	15,717	6	26,495	39,430	22,116
Ariz	29,916	12,273	4	82,768	131,594	53,579
Ark	53,297	24,822	18	144,177	206,568	47,312
Calif	37,393	12,770	10	21,528	31,058	13,516
Colo	28,782	7,330	14	19,642	29,477	9,184
Conn	0	0	0	0	0	0
Del	0	0	0	0	0	0
Fla	36,342	13,566	8	70,470	116,126	34,275
Ga	130,861	42,178	29	226,503	346,992	73,927
Hawaii	0	0	0	0	0	0
Idaho	10,768	636	7	10,532	16,835	3,590
Ill	58,142	6,991	23	80,225	130,902	25,182
Ind	62,310	11,517	29	81,597	125,587	21,157
Iowa	88,951	4,577	75	152,879	239,376	44,495
Kans	106,286	15,127	33	122,912	191,414	43,913
Ky	109,067	24,376	16	152,789	216,298	38,357
La	53,092	15,802	19	71,965	107,912	26,120
Maine	15,972	5,472	8	43,795	63,565	13,557
Md	2,061	448	1	2,748	4,312	997
Mass	784	520	1	1,844	2,700	563
Mich	45,265	4,203	24	74,342	108,615	20,889
Minn	144,644	25,278	62	225,686	332,889	66,964
Miss	40,069	6,036	16	46,533	68,214	12,091
Mo	103,793	12,002	26	210,971	297,396	65,708
Mont	74,210	0	10	24,766	39,461	16,187
Nebr	44,692	6,364	28	54,941	81,433	17,195
Nev	2,763	2,655	4	3,875	6,383	2,823
N.H	4,084	2,755	4	7,464	12,387	3,441
N.J	14,295	8,177	3	21,566	37,440	11,317
N. Mex	17,822	0	5	5,285	8,007	2,311
N.Y	27,131	16,186	25	87,020	129,021	26,529
N.C	120,435	16,652	18	181,418	283,182	49,581
N. Dak	100,380	6,207	13	61,217	101,640	22,550
Ohio	9,387	1,029	13	12,704	18,314	2,755
Okla	97,704	41,966	32	105,328	155,243	36,648
Oreg	26,159	8,804	16	43,810	69,687	17,861
Pa	56,329	61,288	27	267,204	445,008	81,697
R.I	0	0	0	0	0	0
S.C	108,862	43,735	19	130,880	211,452	42,813
S. Dak	76,145	5,640	18	48,985	78,009	16,546
Tenn	117,242	36,157	21	160,535	241,761	39,179
Tex	229,997	31,311	53	270,906	420,879	113,733
Utah	12,577	1,877	6	8,070	11,810	2,766
Vt	3,057	1,393	4	6,034	9,651	2,457
Va	38,663	12,641	12	42,998	63,908	11,922
Wash	24,979	3,048	13	18,455	26,957	7,924
W. Va	30,116	3,139	9	47,981	64,935	12,432
Wis	148,746	54,900	87	226,801	356,739	69,599
Wyo	7,746	1,562	7	6,640	10,431	3,833
U.S	2,650,940	660,210	900	3,823,146	5,847,685	1,284,241
Guam	13,953	0	1	12,780	19,301	4,905
P.R	10,000	0	1	41,134	58,474	16,115
Total	2,674,893	660,210	902	3,877,060	5,925,460	1,305,261

¹ Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

² Actual funds advanced out of loans approved, as shown in table 704.

³ Cumulative.

⁴ Reported by 896 borrowers.

Rural Electrification Administration.

Table 704. — Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1979¹

State	Total financing				Route miles of line provided for by financing (total)	Subscribers provided for by financing		
	Borrowers	REA loans	RTB loans	REA guarantee commitments		Total	To receive initial service	To receive improved service
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Miles</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Ala	24	93,620	46,812	19,387	19,255	125,081	105,269	19,812
Alaska	6	20,335	23,341	8,090	3,291	31,011	22,184	8,827
Ariz	4	32,615	25,046	0	12,604	72,403	54,010	18,393
Ark	19	71,966	36,760	25,244	22,850	154,462	108,977	45,485
Calif	12	46,031	23,536	10,440	8,916	86,754	68,246	18,508
Colo	15	34,181	11,172	0	8,051	23,087	13,052	10,035
Conn	0	0	0	0	0	0	0	0
Del	0	0	0	0	0	0	0	0
Fla	9	37,663	26,096	49,958	11,431	88,045	74,639	13,406
Ga	31	168,087	73,786	43,650	40,481	258,363	214,093	44,270
Hawaii	0	0	0	0	0	0	0	0
Idaho	7	15,108	3,481	0	3,113	12,253	9,065	3,188
Ill	25	62,379	10,020	0	18,879	98,533	32,766	65,767
Ind	33	73,103	12,664	0	13,417	93,296	47,717	45,579
Iowa	77	99,361	11,811	0	28,201	135,480	26,977	108,503
Kans	33	131,542	33,121	0	39,768	126,119	42,154	83,965
Ky	17	163,222	37,867	16,000	25,129	186,185	161,010	25,175
La	19	58,208	21,765	13,925	9,460	73,495	61,733	11,762
Maine	9	19,316	13,843	5,300	5,596	51,580	38,896	12,684
Md	1	2,061	605	0	298	3,531	2,261	1,270
Mass	1	1,835	520	0	123	2,203	1,655	548
Mich	26	51,424	20,309	5,600	10,163	85,790	41,909	43,881
Minn	63	159,223	34,147	10,239	50,277	229,592	128,204	101,388
Miss	16	59,669	6,036	5,200	9,473	51,354	42,515	8,839
Mo	28	126,588	34,833	11,470	46,498	187,483	110,703	76,780
Mont	11	90,157	0	0	21,665	29,370	24,664	4,706
Nebr	32	60,946	13,981	0	18,917	56,678	15,113	41,565
Nev	4	5,235	3,190	0	1,078	4,253	2,849	1,404
N.H	5	8,983	4,772	0	1,126	12,042	4,841	7,201
N.J	3	14,295	12,669	6,500	2,152	23,944	19,342	4,602
N. Mex	6	30,180	0	0	6,239	9,396	5,088	4,308
N.Y	28	37,837	29,569	23,645	11,004	112,820	29,888	82,932
N.C	20	144,821	28,307	8,500	22,387	171,343	153,440	17,903
N. Dak	13	111,740	6,648	0	30,287	61,102	35,065	26,037
Ohio	15	11,795	1,914	0	2,223	16,458	7,479	8,979
Okla	32	116,538	56,925	2,744	26,735	118,837	74,939	43,898
Oreg	24	29,846	18,080	0	6,922	47,347	29,111	18,236
Pa	28	62,953	133,728	44,302	33,975	297,884	117,663	180,221
R.I	0	0	0	0	0	0	0	0
S.C	19	135,403	63,086	7,885	20,293	153,051	135,420	17,631
S. Dak	18	86,485	10,770	0	24,980	51,928	23,182	28,746
Tenn	21	164,982	47,649	14,358	24,238	179,788	152,555	27,233
Tex	59	291,954	59,564	30,531	77,487	288,888	214,066	74,822
Utah	6	16,550	2,663	0	2,258	9,929	8,358	1,571
Vt	4	3,887	4,523	0	741	7,101	4,487	2,614
Va	13	41,939	15,903	0	10,326	62,997	46,075	16,922
Wash	19	29,448	11,192	0	8,011	58,479	23,075	35,404
W. Va	10	38,399	3,326	5,250	7,336	50,754	31,430	19,324
Wis	92	168,846	79,017	23,700	38,574	241,304	108,199	133,105
Wyo	7	10,647	5,453	0	2,850	9,493	7,730	1,763
Guam	1	27,449	0	0	974	23,047	11,856	11,191
P.R	1	85,527	0	0	5,068	95,930	60,348	35,582
U.S	966	3,354,379	1,120,500	391,918	795,120	4,370,263	2,754,298	1,615,965

¹ State totals represent data for borrowers incorporated within the State.

Rural Electrification Administration.

Table 705.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, by States, 1977 and 1978¹

State	Number of farms with telephone service		Percentage of farms with telephone service		Average monthly local telephone bill	
	1977	1978	1977	1978	1977	1978
	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	65	66	84	87	11.90	11.90
Ariz	5	6	82	84	15.00	15.00
Ark	60	61	88	90	9.20	10.20
Calif	74	73	98	98	11.10	12.00
Colo	27	27	94	94	9.30	10.90
Conn	4	4	99	99	9.70	11.00
Del	4	3	97	97	9.50	10.40
Fla	35	35	91	92	12.00	13.00
Ga	64	64	92	93	11.60	12.00
Idaho	25	26	94	95	8.40	8.50
Ill	113	114	96	97	10.40	11.00
Ind	90	89	94	94	10.20	10.70
Iowa	128	125	98	98	8.40	10.90
Kans	72	72	94	95	8.20	8.30
Ky	105	107	89	91	9.00	10.00
La	40	140	90	92	10.00	11.80
Maine	7	8	97	97	9.90	10.20
Md	17	17	94	95	11.50	12.30
Mass	5	5	99	99	10.40	11.40
Mich	71	70	96	97	8.50	9.00
Minn	113	111	97	97	9.30	9.80
Miss	67	68	85	88	10.70	12.40
Mo	124	123	93	94	8.00	8.50
Mont	22	22	93	94	9.50	9.50
Nebr	65	65	96	96	8.50	9.00
Nev	2	2	90	90	8.60	8.60
N.H	3	3	97	97	10.40	11.10
N.J	8	8	98	98	10.10	10.50
N. Mex	10	10	74	76	11.50	12.40
N.Y	56	55	98	98	10.80	12.20
N.C	102	104	87	90	9.60	10.20
N. Dak	38	38	91	92	9.80	10.80
Okla	103	102	94	94	10.80	12.10
Okla	79	78	92	92	8.20	9.00
Oreg	32	32	95	95	8.60	9.40
Pa	69	69	96	96	8.20	8.20
R.I	1	1	98	98	11.00	11.80
S.C	39	39	87	90	10.80	11.90
S. Dak	41	40	93	93	9.00	10.30
Tenn	101	100	90	91	9.50	9.90
Tex	165	162	83	83	10.00	10.00
Utah	13	13	94	94	8.70	9.80
Vt	7	7	97	97	10.50	10.50
Va	57	57	92	92	10.30	11.00
Wash	35	35	97	97	8.50	9.00
W. Va	23	23	89	89	9.60	10.60
Wis	97	96	97	97	9.60	10.20
Wyo	8	7	92	92	10.50	12.30
U.S	2,491	2,482	92	93	9.62	10.40

¹Based on annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 706.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1964–1978¹

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
	<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>
1964	2,715	75	4.87	1972	2,459	86	6.27
1965	2,688	77	4.98	1973	2,454	87	6.45
1966	2,557	79	5.08	1974	2,474	88	7.16
1967	2,578	80	5.15	1975	2,494	90	7.87
1968	2,505	82	5.30	1976	2,505	92	9.00
1969	2,479	83	5.55	1977	2,491	92	9.62
1970	2,469	84	5.72	1978	2,482	93	10.40
1971	2,479	85	5.96				

¹Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

CHAPTER XI

STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

Table 707.—Commodity Credit Corporation: Price support granted on 1977 crop, United States and Territories¹

Commodity	Unit	Through Sept. 30, 1978	
		Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>
Cotton, upland	Bale	4.5	941.5
Cotton, extra-long staple . . . . .	.. do	(²)	18.1
Seed cotton, upland	Pound	13.2	5.6
Seed cotton, extra-long staple . . . . .	.. do . . . . .	.2	.2
Wheat	Bushel	601.5	1,392.6
Corn . . . . .	.. do	1,101.1	2,193.9
Honey	Pound	14.1	4.6
Milk and butterfat:			
Butter	Pound	147.0	154.2
Cheese . . . . .	.. do	48.6	51.2
Dried milk . . . . .	.. do	341.5	239.6
Tobacco . . . . .	.. do	221.0	295.2
Rice, rough	Cwt	19.5	123.0
Grain sorghum	Bushel	217.7	425.3
Peanuts, farmers' stock	Pound	535.8	112.4
Oats	Bushel	81.5	78.2
Barley . . . . .	.. do	84.9	130.4
Beans, dry edible	Pound		
Rye	Bushel . . . . .	.9	1.4
Soybeans . . . . .	.. do	97.5	341.5
Sugar:			
Beets	Pound	1,720.3	264.7
Cane . . . . .	.. do	841.4	113.6
Special purchase programs ³			
Total			7,144.1

¹ Consists of loans made and acquisitions under commodity loan and purchase programs.

² Less than 50,000.

³ Commodities included in "Special purchase programs" for 1977 crop are corn products, wheat products, rolled oats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, sorghum grits, peanut products, milled rice, brown rice, and textured soya rice.

Agricultural Stabilization and Conservation Service.

Table 708.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1973–78¹

Commodity	Unit	1973		1974		1975	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley	1,000 bushels . . .	15,373	13,541	6,869	7,269	9,185	8,419
Corn	1,000 bushels . . .	260,608	271,747	76,783	85,273	146,978	161,606
Cotton	1,000 bales	1,758	167,131	2,464	303,578	701	109,204
Seed cotton	1,000 pounds . . .	18,944	3,302	7,517	1,758	12,998	4,302
Dry beans	1,000 cwt	70	472	110	743	.....	.....
Flaxseed	1,000 bushels . . .	136	342	63	158	.....	.....
Honey	1,000 pounds . . .	12,053	2,018	12,511	2,616	.....	.....
Naval stores: Rosin	1,000 pounds . . .	.....	.....	.....	.....	2,769	466
Oats	1,000 bushels . . .	10,392	5,358	3,856	2,147	3,928	2,159
Peanuts	1,000 tons	513.2	167,702	535.9	196,841	567.9	223,151
Rice	1,000 cwt	19,145	122,050	9,256	73,030	21,460	184,162
Rye	1,000 bushels . . .	443	389	196	177	87	74
Sorghum grain	1,000 bushels . . .	18,630	17,609	3,912	4,237	8,794	9,111
Soybeans	1,000 bushels . . .	124,174	278,241	35,554	78,125	.....	.....
Storage facility and equipment . . . . .	.....	.....	156,563	.....	92,067	.....	22,824
Tobacco	1,000 pounds . . .	31,952	33,786	23,415	26,818	262,617	318,801
Wheat	1,000 bushels . . .	59,935	72,192	36,430	49,879	47,790	65,167

Commodity	Unit	1976		1977		1978	
		Quantity pledged	Face amount	Quantity pledged ²	Face amount ²	Quantity pledged ²	Face amount ²
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley	1,000 bushels . . .	19,214	22,013	84,839	130,279	29,885	46,258
Corn	1,000 bushels . . .	277,734	417,369	1,098,730	2,187,847	9,513	20,114
Cotton	1,000 bales	952	164,040	4,565	959,670	6	1,092
Seed cotton	1,000 pounds . . .	12,221	4,446	13,490	5,809	.....	.....
Dry beans	1,000 cwt . . . . .	.....	.....	.....	.....	.....	.....
Flaxseed	1,000 bushels . . .	.....	.....	.....	.....	.....	.....
Honey	1,000 pounds . . .	.....	.....	14,064	4,647	13,291	4,958
Naval stores: Rosin	1,000 pounds . . .	.....	.....	.....	.....	.....	.....
Oats	1,000 bushels . . .	4,610	3,099	81,186	77,726	14,944	14,433
Peanuts	1,000 tons	426.9	170,975	267.9	112,348	35.7	14,419
Rice	1,000 cwt	23,415	145,504	19,541	122,959	4,078	27,556
Rye	1,000 bushels . . .	144	159	919	1,440	2,064	3,333
Sorghum grain	1,000 bushels . . .	21,286	29,313	212,676	413,604	30,031	61,514
Soybeans	1,000 bushels . . .	22,479	56,446	97,481	341,492	.....	.....
Storage facility and equipment . . . . .	.....	.....	49,786	.....	172,942	.....	646,413
Tobacco	1,000 pounds . . .	283,405	376,009	220,954	295,154	24,592	38,478
Wheat	1,000 bushels . . .	498,674	1,127,427	588,352	1,351,750	154,847	354,531

¹ Includes loans made directly by Commodity Credit Corporation.² Loans through Sept. 30, 1978.

Agricultural Stabilization and Conservation Service.

Table 709.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1964–78¹

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>
1964	23	61	33	835	7,793	0.7	2.9	587	151
1965	18	32	(²)	530	10,155	.1	5.2	493	131
1966	7	.....	.....	156	8,389	(²)	9.1	332	(²)
1967	6	153	80	138	1,247	(²)	2.1	193	191
1968	6	124	65	261	135	(²)	2.9	192	268
1969	49	72	(²)	296	2,221	(²)	7.7	188	212
1970	28	108	4	215	2,077	.1	19.1	163	119
1971	36	104	7	144	(³)	(²)	24.0	58	80
1972	9	108	0	140	(³)	0	7.7	37	26
1973	1	18	0	70	(³)	0	.1	8	2
1974	(²)	17	2	6	(³)	.....	.....	1	172
1975	(²)	3	5	(²)	(³)	.....	.....	.....	442
1976 .....	.....	21	5	(²)	.....	.....	.....	(²)	453
1977	(³)	198	95	1	(³)	.....	.....	1	708
1978	1	207	35	77	(³)	.....	.....	37	658

Year	Oats	Peanuts ⁴	Rice ⁵	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned ⁶
	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>Million dollars</i>
1964	33	40	1.1	0.5	(²)	15	712	4,611
1965	41	37	.8	5.7	(²)	15	572	4,110
1966	47	78	.4	8.2	.....	15	216	2,340
1967	45	35	.1	6.7	7	9	109	1,005
1968	46	6	(²)	9.0	53	12	100	1,064
1969	76	6	6.4	11.7	178	28	168	1,784
1970	146	2	6.9	17.6	80	42	283	1,594
1971	199	10	4.9	24.0	(²)	38	372	1,118
1972	172	8	.6	29.8	0	27	267	830
1973	121	(²)	(²)	15.7	0	19	139	394
1974	69	.....	.....	2.6	.....	1	15	188
1975	36	365	(²)	(²)	.....	.....	(²)	402
1976	3	92	19.1	.....	.....	.....	(²)	634
1977	(³)	(³)	18.6	.....	.....	.....	34	1,104
1978	2	.....	10.4	(³)	(³)	.....	50	1,186

¹ Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

² Less than 500,000 units.

³ Less than 50,000 units.

⁴ Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

⁵ Rough basis; includes milled rice in rough equivalent.

⁶ The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

Agricultural Stabilization and Conservation Service.

Table 710.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1964–78¹

Year ²	Barley	Corn	Cotton ³	Dry beans	Flaxseed	Sorghum grain	Oats
	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1964	28	550	5,039	1.0	5.4	93	67
1965	20	459	4,002	.5	8.5	108	73
1966	16	392	1,674	2.7	1.6	54	57
1967	38	418	539	.5	2.2	67	56
1968	114	633	2,165	1.4	5.0	107	113
1969	106	567	2,452	1.5	9.4	76	194
1970	100	454	1,492	1.1	8.9	43	235
1971	108	761	572	.7	5.6	114	223
1972	97	735	2,411	.7	.4	58	199
1973	22	190	900	.1	.1	14	46
1974	4	49	960	.1	(⁴)	2	3
1975	6	110	333	.....	.....	6	3
1976	12	206	2,186	.....	.....	16	4
1977	65	765	2,576	.....	.....	157	60
1978	94	1,038	919	.....	.....	149	68

Year ²	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding ⁵
	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>Million dollars</i>
1964	369	5.5	3.3	24	1,196	190	2,802
1965	420	7.8	4.7	65	1,126	181	2,598
1966	450	11.6	1.6	115	1,008	153	2,069
1967	393	12.7	1.5	181	1,147	252	2,355
1968	340	17.7	3.6	330	1,103	536	3,605
1969	349	18.7	4.8	257	1,138	706	3,628
1970	768	15.4	8.2	144	1,224	477	2,973
1971	882	23.4	14.8	140	1,061	486	3,186
1972	878	15.0	12.8	71	746	305	2,438
1973	956	13.6	.6	99	561	32	11,266
1974	995	6.1	.1	19	305	20	681
1975	1,135	8.9	.1	(⁴)	335	32	871
1976	841	10.5	.1	13	585	223	1,786
1977	302	15.0	.6	68	665	740	5,414
1978	243	19.1	2.5	44	644	588	5,655

¹Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

²Not necessarily from the crop of the year shown; may include quantities under resale from crop of previous years.

³Includes extra-long staple.

⁴Less than 500,000 units.

⁵Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service.

Table 711.—Commodity Credit Corporation: Loan transactions for fiscal year 1978, by commodities¹

Commodity	Unit	Loans outstanding, Oct. 1, 1977 ²	New loans made	Repayments	Collateral acquired in settlement	Loans written off ³	Loans outstanding Sept. 30, 1978	
							Value ²	Quantity collateral remaining pledged
Basic commodities:								
Corn	Bushel	1,000 dollars 239,388	1,000 dollars 2,147,758	1,000 dollars 1,080,963	1,000 dollars 24,672	1,000 dollars 1,148	1,000 dollars 1,280,363	1,000 units 649,818
Cotton	Bale	13,118	952,455	812,066	90	.....	153,417	736
Seed cotton	Pound	.....	5,809	5,809	.....	(⁴)	.....	.....
Peanuts	Ton	.....	98,826	103,857	193	8,426	14,254	71,118
Rice	Cwt	29,146	120,408	122,194	96	15	27,249	4,034
Tobacco	Pound	652,420	282,895	184,081	.....	11	751,223	604,897
Wheat	Bushel	1,814,240	827,043	1,231,407	91,092	478	1,318,306	581,465
Total	.....	2,776,256	4,435,194	3,540,377	116,143	10,078	3,544,852	.....
Designated nonbasic commodities:								
Barley	Bushel	72,098	111,052	64,732	1,127	133	117,148	77,045
Sorghum	do	106,351	382,710	184,065	26,800	23	278,173	142,668
Honey	Pound	1,481	8,059	4,569	.....	.....	4,971	13,366
Oats	Bushel	46,134	46,377	29,012	1,406	196	61,897	64,849
Rye	do	1,018	3,786	1,288	3	.....	3,513	2,178
Sugar, beet	Pound	.....	284,742	212,988	.....	.....	51,754	332,396
Sugar, cane	do	.....	146,627	15,235	.....	.....	131,392	958,714
Total	.....	227,072	963,353	511,889	29,336	352	648,848	.....
Other nonbasic commodities:								
Soybeans	Bushel	5,582	340,194	309,000	.....	95	36,681	.....
Naval stores (rosin)	Pound	125	1	126	.....	.....	.....	.....
Total	.....	5,707	340,195	309,126	.....	95	36,681	.....
Other loans:								
Storage facility and equipment	.....	235,481	646,413	82,536	.....	97	799,261	.....
Total	.....	235,481	646,413	82,536	.....	97	799,261	.....
Grand total	.....	3,244,516	6,385,155	4,443,928	145,479	10,622	5,029,642	.....

¹ Loans made directly by Commodity Credit Corporation.² Book value of outstanding loans; includes face amounts and any charges paid.³ Includes transfers to accounts receivable.⁴ Less than \$500.

Agricultural Stabilization and Conservation Service.

Table 712.—Commodity Credit Corporation: Loans made in fiscal year 1978, by States and Territories¹

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other ²	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala		549	10,989				55	5,800	17,393
Ariz	21	390	67,234	165			201	813	68,824
Ark		311	59,964	6,630			501	146,766	214,172
Calif	3,501	650	190,926				1,186	54,513	250,776
Colo	1,144	35,445		8,909			33,311	40,870	119,679
Conn								53	53
Del		365						191	556
Fla		575	283	3	1,214		2	102,300	104,377
Ga		7,177	9,159	8	74,199		173	12,263	102,979
Idaho	6,713	416					16,713	5,744	29,586
Ill	4	204,137		903			2,197	82,796	290,037
Ind	7	117,005		58			1,081	43,205	161,356
Iowa	11	386,568		866			159	141,094	528,698
Kans	237	85,979		106,061			207,820	28,065	428,162
Ky		17,251		574		73,931	229	12,904	104,889
La		28	35,300	273			288	14,340	50,229
Maine	3	40					3	532	578
Md	116	6,092					34	2,006	8,248
Mass						260		74	334
Mich	44	61,574		48			2,060	33,059	96,785
Minn	30,685	330,668		298			86,775	280,425	728,851
Miss		38	120,012	46			28	16,854	136,978
Mo	7	55,078	12,563	27,073			5,789	53,049	153,559
Mont	8,288	68					74,866	12,636	95,858
Nebr	248	492,842		84,153			44,597	85,562	707,402
Nev			66				46	131	243
N.H								19	19
N.J	5	1,584					27	1,218	2,834
N. Mex	31	5,764	18,901	2,393	11		2,057	526	29,683
N.Y	7	13,528					503	7,371	21,409
N.C	36	12,127	5,840	125	9	204,684	99	8,800	231,720
N. Dak	45,139	12,812					158,077	54,280	270,308
Ohio	2	48,752		2		237	1,548	35,616	86,157
Okla	95	2,770	4,285	10,607			57,225	6,642	81,624
Oreg	573	7					8,493	1,720	10,793
Pa	19	9,607		9			56	6,602	16,293
P.R						2,206			2,206
S.C	25	6,904	7,481	18			78	6,645	21,151
S. Dak	12,122	57,280		11,894			68,813	61,414	211,523
Tenn	36	6,376	6,790	74		724	235	13,679	27,914
Texas	30	79,964	402,639	121,514	12,020		22,362	62,090	700,619
Utah	299	58					1,828	92,838	95,023
Vt								770	770
Va	206	4,771	22		11,372	837	62	3,854	21,124
Wash	964	2,232					23,649	2,830	29,675
W. Va		164						220	384
Wis	243	79,417		6		16	505	38,208	118,395
Wyo	191	395					3,342	1,031	4,959
Unallocated							³ (30)		³ (30)
Total	111,052	2,147,758	952,454	382,710	98,825	282,895	827,043	1,582,418	6,385,155

¹ Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

² Includes storage facility loans.

³ Negative figure (prior year adjustment)

Agricultural Stabilization and Conservation Service.

Table 713.—Commodity Credit Corporation: Selected inventory transactions, program and commodity, fiscal year 1978

Program and commodity	Quantity					Value					
	Unit	Inventory Oct. 1, 1977	Purchases	Collateral acquired from loans	Sales ¹	Inventory Sept. 30, 1978	Inventory Oct. 1, 1977	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1978
Feed grains:		Thousands	Thousands	Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Barley	Bushel	1	67	746	20	793	1	109	1,182	34	1,257
Corn	do	24	2,361	12,384	1,689	13,075	50	6,065	25,199	5,220	26,654
Corn products	Pound		127,633		123,334			10,928		10,669	
Grain sorghum	Bushel	18	5,046	12,905	4,765	13,085	38	11,719	27,621	12,417	28,020
Sorghum grits	Pound		82,763		82,763			7,403		7,575	
Oats	Bushel	7	344	1,447	27	1,520	4	438	1,480	23	1,556
Oats, rolled	Pound		46,772		42,524			6,143		5,629	
Rye	Bushel			2		2			3		3
Total feed grains							93	42,803	55,485	41,567	57,490
Wheat	Bushel	9,923	13,119	39,718	12,836	49,857	22,803	40,853	94,403	42,022	118,575
Wheat flour	Pound	312	504,613		437,570		19	48,867		43,805	
Wheat products, other	do		766,462		762,690			63,630		64,492	
Rice, milled	Cwt	12	290		1,630		157	5,764		25,904	
Rice, rough	Cwt	18,568	2		5,699	10,899	161,298	11	13	49,559	94,449
Rice, textured soy blend	Pound		800		800			224		228	
Rice, brown	Cwt		58		51	(²)		1,246		1,070	95
Cotton, extra long staple and upland	Bale			(²)					95		
Dairy products:											
Butter	Pound	190,392	146,962		67,258	234,559	186,132	154,205		73,913	239,877
Cheese	do	92,144	48,534		68,033	52,611	92,934	51,156		74,194	54,517
Milk, dried	do	653,362	341,473		274,364	676,523	424,150	239,614		70,918	456,270
Total dairy products							703,216	444,975		219,025	750,664

[illegible]

¹ Sales do not reflect commodity donations.

2 500 or less.

Agricultural Stabilization and Conservation Service.

Table 714.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1978

Commodity	Export		Domestic					Total export and domestic
	Public Law 480, Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations ¹	Inventory adjustments and other recoveries (domestic)	Total domestic	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Feed Grains:								
Barley	4,893	4,893	29	71	4	(2)	133	34
Corn	10,459	10,459	58	.....	469	(2)	469	5,026
Corn products	11,952	11,952	66	.....	294	(3)	360	10,928
Grain sorghum	7,426	7,426	.....	.....	.....	.....	2	12,312
Sorghum grits	.....	.....	16	.....	336	1	352	7,426
Oats	5,518	5,518	.....	9	625	4	635	365
Oats, rolled	40,873	40,873	443	.....	.....	.....	539	6,143
Wheat	42,944	42,944	15	.....	5,928	96	4,112	4,112
Wheat flour	63,221	63,221	.....	.....	409	(3)	5,947	43,891
Wheat products, other	20,406	20,406	.....	4,176	1,441	18	5,635	63,830
Rice, milled	.....	.....	49,196	.....	9	354	49,659	26,041
Rice, rough	224	224	.....	1,079	167	.....	1,246	43,659
Rice, brown and textured soy blend	.....	.....	.....	.....	10	.....	10	1,470
Cotton, extra long staple	.....	.....	.....	.....	.....	.....	.....	.....
Dairy products:								
Butter	.....	.....	9,229	58,074	35,391	126	102,821	102,820
Cheese	.....	.....	4,432	65,614	26,995	417	97,458	97,458
Milk, dried	99,626	9,130,693	22,795	26,847	8,596	1,633	59,871	190,564
Oils and oilseeds:								
Peanut granules	.....	.....	.....	2,869	1,555	3	4,427	4,427
Roasted peanuts	.....	.....	.....	6,001	3,069	12	9,082	9,082
Peanut butter	.....	.....	18	13,152	5,845	3	19,000	19,000
Peanuts, farmer's stock	.....	.....	.....	.....	8	5	31	31
Peanut oil, crude	.....	.....	49,681	.....	.....	459	50,040	50,040
Peanut oil, refined	28,168	28,168	.....	7,741	2,286	2	10,029	38,197
Peanut oil, shortening	.....	.....	.....	4,723	3,559	(2)	8,282	8,282
Peanut oil, margarine	.....	.....	.....	613	140	(2)	753	753
Soya flour	958	958	.....	.....	.....	.....	.....	958

Blended foods	50,148	50,148	.....	.....	1	37	38	50,186
Grains and seeds:								
Feed for Government facilities .....	.....	.....	.....	83	.....	.....	83	83
Foundation seeds .....	.....	.....	.....	160	.....	.....	160	160
Vegetable oil products	34,021	34,021	.....	10,178	5,376	4	15,558	49,579
Total	420,837	451,904	136,040	201,235	102,512	3,178	442,965	894,869

¹Includes donations under Sections 202, 407, 416, Section 210, PI 85-540 and miscellaneous donations under various other authorizations.

³ Includes sales under P.L. 480 Title II \$99,626, sales for dollars \$26,632 and transfers to other government agencies \$4,635.

² \$500 or less.

Agricultural Stabilization and Conservation Service.

Table 715.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1964–78

Date	Inventory after revaluation	Loans held by CCC	Loans financed by lending agencies	Total loans outstanding	Total investment
1964:	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
March	4,516.2	2,758.0	580.7	3,338.7	7,854.9
June	4,338.3	2,382.2	377.4	2,759.6	7,097.9
September	5,138.3	1,596.5	189.6	1,786.1	6,924.4
December	4,611.4	2,261.7	540.2	2,801.9	7,413.3
1965:					
March	4,172.8	2,390.9	627.2	3,018.1	7,190.9
June	3,892.2	2,075.3	419.1	2,494.4	6,386.6
September	4,485.8	1,566.6	181.5	1,748.1	6,233.9
December	4,108.9	2,065.5	532.5	2,598.0	6,706.9
1966:					
March	3,570.7	2,184.4	603.4	2,787.8	6,358.5
June	3,112.9	1,344.1	855.3	2,199.4	5,312.3
September	3,159.4	1,182.4	206.2	1,388.6	4,548.0
December	2,337.1	1,542.1	526.6	2,068.7	4,405.8
1967:					
March	1,945.5	1,064.8	943.3	2,008.1	3,953.6
June	1,858.4	482.0	1,021.1	1,503.1	3,361.5
September	1,518.6	401.0	979.2	1,380.2	2,898.8
December	997.0	618.6	1,736.7	2,355.3	3,352.3
1968:					
March	920.4	928.5	1,589.2	2,517.7	3,438.1
June	912.7	1,344.7	923.5	2,268.2	3,180.9
September	987.6	1,504.4	890.4	2,394.8	3,382.4
December	1,057.2	2,456.3	1,148.7	3,605.0	4,662.2
1969:					
March	1,032.7	2,772.2	1,292.0	4,064.2	5,096.9
June	1,244.5	1,744.5	1,589.5	3,334.0	4,578.5
September	1,927.4	2,179.4	565.3	2,744.7	4,672.1
December	1,782.6	3,285.8	342.4	3,628.2	5,410.8
1970:					
March	1,696.6	3,529.0	195.7	3,724.7	5,421.3
June	1,858.1	2,788.3	.....	2,788.3	4,646.4
September	1,894.0	2,294.5	.....	2,294.5	4,188.5
December	1,593.5	2,973.4	.....	2,973.4	4,566.9
1971:					
March	1,208.7	2,838.8	.....	2,838.8	4,047.5
June	1,207.9	1,850.1	.....	1,850.1	3,058.0
September	1,229.9	1,971.8	.....	1,971.8	3,201.7
December	1,118.2	3,186.0	.....	3,186.0	4,304.2
1972: ¹					
March	1,055.0	3,122.0	.....	3,122.0	4,177.0
June	1,090.1	2,277.4	.....	2,277.4	3,367.5
September	972.3	1,955.1	.....	1,955.1	2,927.4
December	829.6	2,438.4	.....	2,438.4	3,268.0
1973:					
March	660.0	2,088.7	.....	2,088.7	2,748.7
June	478.7	1,143.9	.....	1,143.9	1,622.6
September	439.4	703.9	.....	703.9	1,143.3
December	393.7	1,265.9	.....	1,265.9	1,659.6
1974:					
March	359.3	885.8	.....	885.8	1,245.1
June	114.2	449.2	.....	449.2	563.4
September	172.8	394.6	.....	394.6	567.4
December	188.2	681.8	.....	681.8	870.0
1975:					
March	253.5	619.2	.....	619.2	872.7
June	416.1	333.6	.....	333.6	749.7
September	453.7	506.5	.....	506.6	960.2
December	402.4	871.0	.....	871.0	1,273.4
1976:					
March	555.8	762.2	.....	762.2	1,318.0
June	658.6	480.5	.....	480.5	1,339.1
September	607.2	707.7	.....	707.7	1,314.9
December	634.3	1,786.5	.....	1,786.5	2,420.8
1977:					
March	682.9	1,990.5	.....	1,990.5	2,673.4
June	824.9	2,142.7	.....	2,142.7	2,967.6
September	984.9	3,009.0	.....	3,009.0	3,993.9
December	1,104.4	5,414.0	.....	5,414.0	6,518.4
1978:					
March	1,052.5	5,827.9	.....	5,827.9	6,880.4
June	1,068.3	4,591.3	.....	4,591.3	5,659.6
September	1,029.0	4,230.4	.....	4,230.4	5,259.4
December	1,185.9	5,655.6	.....	5,655.6	6,841.5

¹ Since 1971, reflects total CCC loans and inventories.

Table 716.—Agricultural Stabilization and Conservation programs: Number of payees and payments received, by States, 1978¹

State	Payees	Payments	State	Payees	Payments	State	Payees	Payments
	<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>1,000 dollars</i>
Tex	138,232	303,493	N.C	64,794	34,672	Vt	3,292	4,538
Kans	137,862	273,429	Ala	25,556	31,716	Maine	3,033	3,739
N. Dak	67,611	250,559	Oreg	12,270	29,629	Del	1,432	3,435
Iowa	103,845	226,920	Miss	23,417	29,545	Nev	855	3,353
Nebr	85,534	194,180	N. Mex	9,588	27,284	W. Va	9,936	3,186
Mont	26,905	126,106	Va	29,904	26,604	N.J	1,953	1,954
Minn	63,497	110,044	Ark	23,246	24,446	N.H	1,211	886
S. Dak	49,441	105,026	Ohio	41,923	24,175	Hawaii	283	799
Okla	57,181	95,783	N.Y	17,406	22,147	Mass	1,289	773
Ill	77,754	88,475	S.C	16,772	20,980	P.R	1,122	739
Colo	25,692	77,713	Utah	10,448	20,160	Conn	902	425
Mo	72,546	69,192	Wyo	5,622	16,141	Alaska	110	192
Wash	15,942	66,068	La	12,265	15,682	R.I	190	62
Idaho	20,127	62,623	Tenn	26,336	15,415	V.I	15	25
Calif	16,216	56,583	Ky	22,425	12,498	Undistributed		1,639
Ga	31,177	54,968	Pa	21,684	12,469			
Ind	54,407	47,500	Fla	8,231	10,311			
Mich	44,155	42,143	Ariz	6,346	9,160			
Wisc	34,114	37,935	Md	5,208	6,993			
						Total	1,531,302	2,704,512

¹ States are arranged according to size of payments.

Agricultural Stabilization and Conservation Service.

Table 717.—Agricultural, Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1974–78

Program and commodity	1974	1975	1976	1977	1978
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Feed grain	100,494	278,765	195,545	187,288	1,172,070
Rice			87	130,253	2,624
Wheat	70,087	76,975	135,370	887,307	962,653
Cotton, upland	36,963	134,436	106,729	88,539	126,677
Cotton, extra-long staple	5,018	3,802	1,560	452	
Sugar	81,495	63,977	2,896	3	¹² (1)
Wool and mohair	135	14,683	41,632	7,056	28,793
Milk indemnity	278	140	121	41	78
Beekeepers indemnity	3,296	3,379	3,108	3,461	4,904
Cropland conversion	111	115			
Conservation reserve	¹² (144)	¹² (2)			
Cropland adjustment	41,048	37,188	19,860	¹² (3)	
Appalachian region conservation	269	135	114	48	45
Agricultural conservation (REAP, RECP)	³ 169,478	175,720	181,600	181,800	178,246
Forestry incentive		2,384	7,848	10,982	12,721
Emergency conservation measures	13,951	5,913	14,604	16,465	16,215
Drought and flood conservation				116,148	30,332
Waterbank	1,395	2,034	2,512	4,578	5,587
Miscellaneous	¹² (1)		¹² (219)	¹² (64)	¹² (179)
Public access	1,401	1,402			
Hay and cattle transportation payments			12,671	34,011	¹² (251)
Emergency feed				16,543	163,998
Emergency livestock feed				56,751	
Grand total	525,174	801,046	726,038	1,741,659	2,704,512

¹ Prior year adjustments.² Credit.³ Includes Forestry Incentive Program.

Agricultural Stabilization and Conservation Service.

Table 718.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions): Number of farms and payees, producer net payment, production for payment, and average payment per farm and per payee, United States, 1977 and 1978 programs

Item	Unit	Total all commodities (net)	Feed grains				Wheat	Cotton	Rice
			Total (net)	Corn	Grain sorghum	Barley			
Section I: Total farm data									
1977 PROGRAM									
Farms	Number	332,364	249,334	215,952	25,238	19,112	81,741	22,884	485
Payees	Number	487,519	345,050	290,252	40,761	28,170	136,908	35,822	1,370
Producer net payment	Dollars	574,961,506	341,425,157	281,104,936	30,141,811	30,178,428	160,822,058	68,822,813	3,891,480
Production for payment	Bushels/pounds ¹	.....	493,166,533	493,166,533	55,818,150	65,605,282	196,124,484	432,847,882	141,508,330
Average payment per farm	Dollars	1,730	1,369	1,302	1,194	1,579	1,967	3,007	8,024
Average payment per payee	Dollars	1,179	989	968	739	1,071	1,175	1,921	2,840
1978 PROGRAM (as of May 17, 1979)									
Farms	Number	168,240	68,892	35,006	29,401	6,711	61,002	58,002	229
Payees	Number	276,661	104,552	46,267	51,794	9,736	103,772	101,828	539
Producer net payment	Dollars	351,111,182	81,009,883	35,711,480	36,471,528	8,826,911	86,249,020	183,260,881	591,418
Production for payment	Bushels/pounds ¹	.....	35,663,791	32,667,223	8,693,036	51,484,788	59,311,493	20,824,488	.....
Average payment per farm	Dollars	2,087	1,176	1,020	1,240	1,315	1,414	3,160	2,583
Average payment per payee	Dollars	1,269	775	772	704	907	831	1,800	1,097
Section II: Prevented planting farm data									
1977 PROGRAM									
Farms	Number	3,704	2,183	716	339	1,556	2,111	506	217
Payees	Number	5,279	3,053	826	543	2,197	2,812	734	474
Producer net payment	Dollars	9,326,296	2,170,783	388,401	462,632	1,319,761	3,066,686	1,307,669	2,781,156
Production for payment	Bushels/pounds ¹	.....	661,400	856,720	2,869,045	3,739,867	8,224,337	101,132,913	.....
Average payment per farm	Dollars	2,518	994	542	1,365	848	1,453	2,584	12,816
Average payment per payee	Dollars	1,767	711	470	852	601	1,091	1,782	5,867
1978 PROGRAM (as of May 17, 1979)									
Farms	Number	8,262	6,317	4,518	1,021	918	2,001	224	5
Payees	Number	11,653	8,820	6,221	1,453	1,336	2,920	305	7
Producer net payment	Dollars	10,645,707	6,975,490	3,471,060	1,538,205	1,966,225	2,527,941	1,067,901	74,386
Production for payment	Bushels/pounds ¹	.....	4,958,768	2,023,958	2,621,617	2,237,117	6,172,824	6,172,824	2,619,256
Average payment per farm	Dollars	1,289	1,104	768	1,507	2,142	1,263	4,767	14,877
Average payment per payee	Dollars	914	791	558	1,059	1,472	866	3,501	10,627

Section III: Low yield farm data										
1977 PROGRAM		Number	247,477	215,275	24,936	17,769	79,966	22,396	269	
Farms	.....	Number	342,435	289,469	40,272	26,272	134,551	35,114	897
Payees	.....	Dollars	339,254,375	280,716,539	29,679,184	28,858,670	157,755,363	67,515,146	1,110,323
Producer net payment	.....	Bushels/pounds ¹	.....	492,485,132	54,961,429	62,736,236	192,384,619	424,623,542	40,375,418
Production for payment	.....	Dollars	1,371	1,304	1,190	1,624	1,973	3,015	4,128
Average payment per farm	.....	Dollars	991	970	737	1,098	1,172	1,923	1,238
Average payment per payee	.....								
1978 PROGRAM (as of May 17, 1979)		Number	63,107	30,797	28,485	5,866	59,277	57,827	224	
Farms	.....	Number	96,388	40,409	50,480	8,491	101,267	101,586	532
Payees	.....	Dollars	74,034,430	32,240,441	34,933,318	6,860,698	83,721,094	182,192,987	517,032
Producer net payment	.....	Bushels/pounds ¹	.....	30,705,155	30,643,266	6,071,418	49,247,670	53,138,665	18,205,232
Production for payment	.....	Dollars	1,173	1,047	1,226	1,170	1,412	3,151	2,308
Average payment per farm	.....	Dollars	768	798	692	808	827	1,793	972
Average payment per payee	.....								

¹ Feed grains and wheat are expressed in bushels; cotton is expressed in pounds.

Agricultural Stabilization and Conservation Service. Totals may not add due to rounding.

Table 719.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions):
Disaster payments, by States, 1976-78

State	1976 Program			1977 Program				1978 Program ¹			
	Feed grain	Wheat	Cotton	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	88	2	7,198	13,148	30	11,663	...	878	3	2,280	...
Ariz	4	37	22	42	5	738	...	14	1	940	...
Ark	18	3	6,911	53	108	1,022	181	119	88	11,074	89
Calif	1,864	1,819	27	3,870	3,008	125	2,891	1,794	1,142	26,243	245
Colo	3,116	11,224	...	4,747	12,174	...	...	3,623	7,160	...	...
Conn . . . . .	...	...	...	(²)	...	...	...	...	...	...	...
Del	7	...	...	1,998	144	...	...	51	7	...	...
Fla	27	(²)	73	9,853	1	103	...	464	2	24	...
Ga	508	5	3,276	45,981	39	11,824	...	4,596	10	840	...
Idaho	355	1,524	...	5,134	6,866	...	...	1,696	1,137	...	...
Ill	3,249	436	...	9,962	122	(²)	...	1,814	1,181	...	...
Ind	71	561	...	1,266	256	...	...	883	531	...	...
Iowa	18,894	97	...	95,423	220	...	...	2,514	117	...	...
Kans	9,619	33,621	...	6,567	28,281	...	...	8,825	10,397	...	...
Ky	117	135	52	832	55	8	...	501	57	19	...
La	4	2	2,620	327	2	1,210	623	60	3	7,351	180
Maine . . . . .	...	...	...	415	2	...	...	55	...	...	...
Md	24	(²)	...	1,955	160	...	...	118	18	...	...
Mass . . . . .	...	...	...	6	...	...	...	1	...	...	...
Mich	1,060	143	...	4,220	789	...	...	1,988	309	...	...
Minn	54,722	1,007	...	1,217	503	...	...	1,767	1,112	...	...
Miss	15	1	20,140	1,734	70	4,568	...	79	8	9,315	...
Mo	12,954	2,508	5,020	13,183	1,454	1,600	2	2,631	1,564	1,678	...
Mont	125	1,370	...	3,049	6,244	...	...	1,524	2,716	...	...
Nebr	24,754	11,711	...	15,880	9,561	...	...	2,821	4,317	...	...
Nev	1	55	...	17	15	...	...	14	45	...	...
N.H . . . . .	...	...	...	...	...	...	...	1	...	...	...
N.J . . . . .	...	...	...	383	401	...	...	10	9	...	...
N.Mex	2,912	5,089	987	2,857	3,185	273	...	3,671	4,507	2,525	...
N.Y	300	39	...	717	32	...	...	210	125	...	...
N.C	919	220	503	19,606	302	2,480	(²)	582	33	444	...
N. Dak	5,611	9,159	...	12,648	24,073	...	...	1,677	1,833	...	...
Ohio	61	999	...	498	187	...	...	281	335	...	...
Okl	2,545	14,658	2,975	1,753	8,637	1,037	...	2,330	5,770	3,111	7
Oreg	70	1,110	...	867	6,810	...	...	138	1,355	...	...
Pa	22	107	...	256	81	...	...	44	28	...	...
R.I . . . . .	...	...	...	...	...	...	...	...	...	...	...
S.C	291	78	2,613	9,100	62	6,178	(²)	2,001	10	648	...
S. Dak	53,893	27,411	...	8,886	13,224	...	...	2,527	7,182	...	...
Tenn	62	17	7,705	1,190	171	3,080	...	235	108	1,641	...
Tex	16,717	16,638	37,856	20,744	9,752	22,872	194	25,481	30,423	115,121	71
Utah	449	968	...	1,067	2,129	...	...	289	235	...	...
Vt	1	...	...	489	3	...	...	1	...	...	...
Va	399	95	3	12,537	418	41	...	197	30	6	...
Wash	25	275	...	5,777	18,755	...	...	42	1,756	...	...
W. Va	3	1	...	144	2	...	...	4	1	...	...
Wis	9,026	13	...	529	18	...	...	2,242	25	...	...
Wyo	38	253	...	498	2,470	...	...	217	559	...	...
U.S. ³	224,937	143,390	97,983	341,425	160,822	68,822	3,891	81,010	86,249	183,261	591

¹ Data through May 17, 1979.² \$500 or less.³ Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 720.—Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
	<i>Number</i>	<i>1,000 dollars</i>
Citrus fruits (1977–78 season):		
California and Arizona Navel and miscellaneous oranges	4,450	126,874
California and Arizona Valencia oranges	3,850	140,350
California and Arizona Desert grapefruit	400	12,918
California and Arizona lemons	2,400	100,245
Florida oranges, grapefruit, tangerines, and tangelos ¹	14,000	1,114,290
Florida limes	160	8,786
Texas oranges and grapefruit	2,900	43,191
Deciduous fruits (1978 season):		
California Bartlett pears, plums, and freestone peaches	2,650	167,999
California nectarines	700	45,880
California olives	1,300	23,184
California Tokay grapes	400	17,936
Colorado peaches	200	968
Florida avocados	190	9,240
Georgia peaches	110	18,720
Idaho and Oregon prunes	200	1,421
Washington apricots	210	753
Washington sweet cherries	1,200	48,257
Washington peaches	450	5,472
Washington, Oregon, and California winter pears	1,500	48,437
Washington and Oregon Bartlett pears	2,100	38,258
Washington and Oregon prunes	450	3,174
Cranberries	900	44,681
Tart cherries	4,800	72,889
Hawaiian papayas	180	8,799
Dried fruits (1978 season):		
California dates	143	8,663
California dried prunes	2,000	85,150
California raisins	4,200	163,890
Vegetables (1977–78 season):		
Florida celery	28	47,178
Florida tomatoes	185	181,083
Idaho and eastern Oregon onions	235	22,399
Texas lettuce	28	7,644
South Texas melons ²	76	22,457
South Texas onions	180	31,878
Texas tomatoes	40	3,383
Potatoes (1977–78 season):		
Colorado	395	32,519
Idaho and eastern Oregon	1,510	271,195
Maine	1,406	95,155
Oregon and Northern California	690	82,022
Southeastern States (Virginia-North Carolina)	300	31,342
Washington	380	141,680
Nuts (1978 season):		
California almonds	6,580	252,000
California walnuts	6,000	217,600
Oregon and Washington filberts	1,200	10,736
Peanuts ³	62,800	835,724
Hops (1978 season)	195	49,599
Total (47 Programs)	(4)	4,696,019

¹Includes Indian River and Interior grapefruit programs.²Effective Apr. 13, 1979.³Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.⁴Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.

CHAPTER XII

AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

Table 721.—Agricultural Conservation Program:¹ Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1964–78

Program year	Regular program ²	Supplemental (emergency practices)	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	215,066	6,837	221,902
1965	217,169	14,291	231,460
1966	211,125	6,680	217,805
1967	222,170	4,263	226,433
1968	200,252	9,296	209,547
1969	185,945	7,341	193,285
1970	181,186	8,536	189,722
1971	146,706	15,124	161,831
1972	196,753	4,232	200,985
1973	195,600	24,930	220,529
1974	74,475	8,560	83,035
1975	138,700	7,405	146,105
1976	134,731	15,142	149,873
1977	175,347	18,952	194,299
1978	180,940	16,318	197,258

¹From 1971 to 1973, the Rural Environmental Assistance Program was successor to the Agricultural Conservation Program. In 1974, the Rural Environmental Conservation Program was successor to REAP. In 1975, ACP was successor to RECP.

²Excludes administrative expenses. Includes Naval Stores Conservation Program, 1964–72. Includes Forestry Incentive Program in 1974, and Long-Term Agreements from 1975.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 722.—Agricultural Conservation Program: Participation and assistance, by States and Caribbean area, 1978 program year

State or Territory	Participating farms	Area served	Assistance				Emergency conservation program	
			Regular	Long term	Emergency conservation program	Total gross assistance	Participating farms	Area served
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>
Ala	9,998	328	5,291	75	112	5,478	95	6
Alaska	102	2	183	4	187	187	196	39
Ariz	750	233	1,488	107	1,405	3,000	428	179
Ark	8,682	290	3,679	63	3,742	3,742	710	294
Calif	2,250	244	4,218	237	3,028	7,483	2	(1)
Colo	2,920	554	3,520	187	423	4,130	362	36
Conn	1,361	30	335	14	6	355	197	10
Del	264	13	232	2	234	234	23	3
Fla	5,552	240	3,391	66	825	4,282	85	17
Ga	10,081	188	5,190	84	206	5,480	60	2
Hawaii	236	20	393	11	51	455	93	7
Idaho	3,519	233	2,956	118	292	3,366	346	11
Ill	5,025	215	5,349	413	56	5,818	234	38
Ind	4,328	125	3,859	65	151	4,075	81	8
Iowa	8,626	231	6,834	369	196	7,399	67	2
Kans	7,050	464	5,880	135	236	6,251	37	1
Ky	10,264	195	4,784	106	63	4,953	1	(1)
La	6,631	272	3,654	127	3,781	3,781	31	1
Maine	2,388	32	2,164	24	110	2,298	34	2
Md	1,421	35	991	63	14	1,068	73	2
Mass	784	20	481	1	5	487	70	2
Mich	8,349	300	4,736	140	22	4,898	112	8
Minn	6,320	196	4,792	128	31	4,951	142	3
Miss	12,767	352	4,226	114	72	4,412	158	17
Mo	13,954	432	7,179	109	168	7,456	72	2
Mont	4,409	1,039	4,743	107	394	5,244	359	21
Nebr	6,808	568	4,838	211	478	5,527	184	73
Nev	386	53	699	30	166	895	391	37
N.H	787	15	648	1	6	655	41	36
N.J	1,169	52	505	213	98	2,152	3	(1)
N. Mex	1,503	543	1,841	203	85	4,931	504	11
N.Y	6,107	119	4,643	21	1,027	5,350	80	1
N.C	34,987	392	4,302	21	291	5,453	1,418	13
N. Dak	12,316	889	5,162	238	27	5,037	439	133
Ohio	7,677	193	4,772	128	30	5,595	32	2
Okla	8,565	578	5,437	123	161	3,122	112	8
Oreg	2,267	233	2,838	158	103	4,844	142	3
Pa	7,088	163	4,583	51	51	51	144	69
R.I	112	5	2,725	18	265	3,493	302	6
S.C	8,577	144	3,197	31	287	4,962	298	6
S. Dak	9,141	530	4,491	184	4,466	20,575	3,140	1,028
Tenn	14,171	212	1,812	91	107	2,010	158	17
Tex	20,391	2,134	15,543	566	103	1,261	72	2
Utah	2,188	212	1,812	91	107	3,335	286	5
Vt	2,580	56	1,141	17	103	1,261	129	14
Va	10,928	165	3,117	57	161	3,335	129	5
Wash	3,518	321	4,017	162	249	4,428	178	21
W. Va	6,337	127	1,459	55	62	1,576	16	6
Wis	7,417	177	4,212	202	182	4,596	16	6
Wyo	1,576	430	1,969	49	84	2,102	16	6
U.S	314,627	14,594	174,550	5,627	16,304	196,481	11,638	2,171
P.R	1,152	21	725	22	8	755	3	(1)
V.I	11	1	18	7	7	25	4	(1)
Total	315,790	14,616	175,293	5,649	16,319	197,261	11,645	2,171

¹ 500 acres or less.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

Table 723.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1978 program year

State or Territory	Regular annual agreements						
	Diversions (area served)	Streambank stabilization (area served)	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sediment, chemical, or water runoff control measures (area served)	Windbreaks or shelter- belts (area served)	Reorganizing irrigation systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala	1,139	150	2,896	40	12,557		
Alaska	10				20		
Ariz	393	357	40	4		5	49,718
Ark	164		1,133	588			45,071
Calif	1,387	603	55	83	32	203	95,227
Colo	4,368	180	295	63	4,570	2,931	189,345
Conn	180			3	26		
Del	1		31	3	8	149	
Fla	263		3,082	438	2,317		17,414
Ga	434	10	796	6	5,659		
Hawaii	953	23		2	6	321	686
Idaho	1,028	575		52	1,432	91	75,350
Ill	2,640	137	174	942	83,679	273	
Ind	1,772	1,539	478	871	21,367	334	
Iowa	913	15	2,640	345	51,452	7,258	
Kans	7,267		480	180	115,171	1,813	42,721
Ky	2,462	5	104	71	14,350	1	
La	8		355	1,149	1		23,832
Maine	2,265	27		7	2,441	5	
Md	966		393	19	2,796		
Mass	7	4		1	4	3	324
Mich	1,266	23	80,024	249	8,130	2,875	265
Minn	2,491		5,623	318	36,436	32,379	
Miss	2,518	415	3,693	1,252	1,703		
Mo	6,615	7	5,400	695	49,338	1	84
Mont	3,371	1,106	417	13	7,688	3,493	125,576
Nebr	5,957		268	194	53,260	17,386	48,904
Nev		780		2			27,786
N.H	93		52	3	74		30
N.J	192		50	1	332	270	
N. Mex	4,498	71		179	160	3	29,729
N.Y	4,004	277	103	35	1,974	31	
N.C	831	10	85	10	7,222	82	
N. Dak	3,696		30,184	10	20,917	114,979	783
Ohio	356	8	20	262	24,196	1,908	
Okla	23,989		50	275	80,746	1,173	14,930
Oreg	3,516	1,044		115	2,185	105	38,657
Pa	12,856	23	3	58	3,990	9	
R.I	306						
S.C	72			2	1,876	154	
S. Dak	2,299		18,550	9	3,945	56,599	3,722
Tenn	2,029		71	336	7,721		
Tex	15,858		3	191	101,069	71	206,728
Utah	1,050			80		14	89,266
Vt	631	257	445	3	359		
Va	219	2	10	5	2,593		
Wash	1,347	2,077	382	69	5,233	1,158	50,134
W. Va	98	66	181	1	45		
Wis	3,668	2,617	4,596	90	34,018	1,281	6
Wyo	2,623	60	65		120	1,619	118,827
U.S	135,069	12,468	163,227	9,324	773,218	248,977	1,295,115
P.R							4
V.I							
Total	135,069	12,468	163,227	9,324	773,218	248,977	1,295,119

Table 723.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1978 program year—Continued

State or Territory	Regular annual agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Ala	25,420	75,754	2,996	2,435	619		14,509
Alaska	194	178		5			
Ariz	1,100	46,597		40	30		
Ark	25,034	70,705	225	443	1,895		
Calif	3,671	10,579	705	566	58		
Colo	11,687	20,700	43	2	115	4,991	8,971
Conn	1,858	2,152	85	198	9	34	
Del	645	57	106		12		
Fla	22,031	43,843	3,029	60	61		4,077
Ga	22,702	42,059	1,765	1,499	233		11,734
Hawaii	555	4,986	8		13		639
Idaho	22,289	13,092	23	188	58	174	1,219
Ill	10,050	6,704	390	870	377	2,729	15,414
Ind	11,633	10,902	433	3,239	338		4,687
Iowa	23,115	3,494	204	89	304	5,920	24,758
Kans	10,716	2,689	16	105	694		130,932
Ky	46,703	25,108	253	93	601	364	35
La	15,016	44,154	87	129	250		
Maine	7,329	4,364	551	1,548	13	473	
Md	2,574	1,904	473	263	42	1,420	
Mass	2,497	1,596	38	1,530	11		
Mich	46,939	4,410	2,843	572	26	774	
Minn	31,116	1,999	871	210	473	6,808	2,981
Miss	21,906	84,590	706	1,079	1,005		1,280
Mo	41,092	59,816	77	431	1,113	82	33,560
Mont	132,196	249,190		600	80	59,719	
Nebr	23,164	12,165	99	58	299	4,894	49,942
Nev	4,997	8,492			1		
N.H	310	2,546	35	3,608	15	30	15
N.J	4,651	895	62	66	29		15
N. Mex	1,625	18,489		68	42		250
N.Y	16,731	4,950	822	2,836	36	5,293	62
N.C	13,683	75,092	1,288	103	151	695	397
N. Dak	152,801	17,215	65	17	217	27,893	400
Ohio	7,453	15,682	455	849	90	1,139	
Okla	63,432	39,472	143	205	2,234	1,086	45,278
Oreg	8,378	13,045	1,876	1,751	134	333	6,850
Pa	18,403	11,319	512	726	11	13,970	931
R.I	182	255	70	21	1		
S.C	7,209	64,930	2,004	6,273	99		2,241
S. Dak	132,605	15,354	15	61	256	13,302	3,095
Tenn	48,801	76,237	99	56	925		3,234
Tex	137,388	280,779	119	53	2,435		33,665
Utah	2,148	53,470			46		286
Vt	4,306	7,554	24	1,781	8	97	
Va	13,322	82,228	1,566	927	183	305	23
Wash	28,262	22,172	1,120	1,958	112	1,218	6,025
W. Va	2,028	34,917	250	162	62	13,594	8
Wis	40,631	1,608	3,859	2,808	35		1,479
Wyo	17,133	28,622		108	38		20
U.S	1,289,711	1,719,110	30,410	40,689	15,889	167,337	409,012
P.R	3,175	9,033	330		8		
V.I		332					
Total	1,292,886	1,728,475	30,740	40,689	15,897	167,337	409,012

Table 723.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1978 program year—Continued

State or Territory	Long-term agreements						
	Diversions (area served)	Streambank stabilization (area served)	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sediment, chemical, or water runoff control measures (area served)	Windbreaks or shelter- belts (area served)	Reorganizing irrigation systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala	15		212	2	449		
Alaska							
Ariz				6			1,710
Ark							875
Calif	374	50	146	5	21		6,159
Colo	15	15		1	4		4,615
Conn	37		10		5		
Del							
Fla			38	28	28		1,055
Ga			62	1	228		
Hawaii							
Idaho	120	120			320		1,627
Ill	410		16	21	2,603		
Ind	62	40	12	10	668		
Iowa	90			13	893	12	
Kans	142			2	2,808		
Ky	11		5		484		
La				33			1,359
Maine	112				105		
Md	101				195		
Mass							
Mich	189		574	9	482		
Minn	77	9	228	5	1,642	1,464	
Miss	25			41	286		
Mo	140		8	11	884		
Mont		774			3		2,181
Nebr	157		16	6	5,574	5	
Nev							313
N.H							
N.J							
N. Mex	1,240		5	3		10	2,049
N.Y	535	27	5	4	277		
N.C			1		118		
N. Dak							
Ohio	52	200	5	11	653	40	
Okla	45			9	998		
Oreg	1,088	130		6			777
Pa	611		1	3	1,512		
R.I							
S.C					87		
S. Dak			124	2	42	285	
Tenn	84		1	2	588		
Tex	244			7	4,371		2,167
Utah				4			4,435
Vt	86	4			22		
Va	4		1		62		
Wash	818	20	5	5	254	236	2,907
W. Va	4				27		
Wis	462	88	233	24	3,759	18	
Wyo		40					1,476
U.S	7,350	1,517	1,703	274	30,452	2,070	33,705
P.R							
V.I							
Total	7,350	1,517	1,703	274	30,452	2,070	33,705

Table 723. — Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1978 program year—Continued

State or Territory	Long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Ala	762	451	55	25	10		58
Alaska							
Ariz	5	8,458			1		
Ark	572	493			9		
Calif	172	1,081	23	11	3		
Colo	137	4,815			18	224	
Conn	13	9		25	1		
Del							
Fla	246	100	231		5		25
Ga	527	306	1	145	12	35	305
Hawaii	53	22			2		
Idaho	268	53		40			692
Ill	572	405	6	94	5	9	2,966
Ind	105	393	19	441	10		48
Iowa	159	77	59		12	55	3,240
Kans	377				21		4,548
Ky	652	1,348	25	164	10	133	
La	868	1,394			4		
Maine	6	11	5	47	1	35	
Md	155	41	4		5	145	
Mass	2			25			
Mich	1,265	226	69	189	3	151	6
Minn	487	62	1		11	236	725
Miss	560	736	20		19		
Mo	723	222		120	15		1,995
Mont	3,021	5,807		87	2		
Nebr	160				7		5,120
Nev							
N.H	16						
N.J							
N. Mex		6,318			17		
N.Y	578	205	8	97	4	570	93
N.C	56	71	197			6	
N. Dak							
Ohio	259	1,193	49	419	8	28	
Okla	1,876	1,686	150	40	47		893
Oreg	353	974	100	87	3		1,407
Pa	541	254	4	176		776	164
R.I							
S.C	68	114	78		6		81
S. Dak	819	36			4		324
Tenn	1,931	4,149	5	33	42		77
Tex	5,353	16,326	67		87		2,390
Utah	391	8,262			6	1,630	
Vt	216	9		116	1	6	
Va	258	1,416	101	32	4	17	
Wash	1,320	731	66				299
W. Va	90	1,234	1	68	7		
Wis	491	55	16	92	2	717	478
Wyo		207			1		
U.S	26,483	69,750	1,360	2,573	425	4,773	25,934
P.R	319				1		
V.I							
Total	26,802	69,750	1,360	2,573	426	4,773	25,934

Agricultural Stabilization and Conservation Service.

Table 724.—Agricultural Conservation Program:¹ Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1969–78 and total 1936–78

Practice	Unit	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	Total 1936–78
Constructing standard terraces ²	1,000 acres	615	531	458	572	404	308	436	335	357	435	35,147
Sediment or chemical runoff control measures ²	do . .	1,092	1,198	1,006	1,408	1,104	846	1,095	801	894	804	12,607
Stubble mulching	do . .	1,725	1,620	667	535	153	.....	56	177	66	135	129,292
Stripcropping	do . .	294	204	149	178	102	14	86	105	124	172	114,831
Establishing permanent vegetable cover	do . .	3,970	4,028	2,219	3,186	1,697	309	1,066	1,137	1,213	1,320	65,906
Establishing additional areas of vegetable cover	do . .	963	891	489	588	73	.....	7	22	79	266	27,124
Interim cover crops	do . .	5,215	4,012	2,679	3,156	1,482	.....	978	1,033	1,294	1,436	498,541
Improving vegetable cover	do . .	4,037	3,890	3,632	4,567	2,662	554	2,041	2,471	2,898	1,798	146,633
Planting trees or shrubs	do . .	147	150	167	227	62	211	37	20	33	32	5,880
Improving a stand of trees	do . .	154	132	141	206	62	197	52	25	43	43	4,986
Wildlife food plots or habitat ²	do . .	523	688	493	801	99	110	110	113	120	165	4,963
Water impoundment reservoirs	Number	44,592	41,647	42,394	47,966	41,777	16,357	19,533	16,504	19,740	16,323	2,378,888
Developing facilities for livestock water	do . .	10,888	11,615	8,959	15,378	15,123	.....	7,198	5,661	8,166	9,804	451,545
Contour farming	do . .	44	28	24	22	13	.....	6	13	10	10	139,869
Diversion and spreader terraces, ditches, or dikes ²	1,000 acres	213	216	194	344	187	183	174	137	136	142	5,935
Sediment retention and water control structures	Number .	11,063	11,145	13,575	19,878	16,170	8,105	8,767	7,726	9,045	9,598	3,320,223

² In area seeded.

¹ In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive Programs. In 1975–78, the data include the Regular and Long-Term Agreement Programs.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 725.—Soil conservation districts: Funds appropriated by State and Local governments for conservation programs, fiscal year ending Sept. 30, 1979

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	<i>1,000 dollars</i>		<i>1,000 dollars</i>
Ala	562	Nev	377
Alaska	999	N.H	264
Ariz	793	N.J	5,836
Ark	3,031	N. Mex	788
Calif	3,619	N.Y	2,596
Colo	585	N.C	3,964
Conn	3,858	N. Dak	915
Del	1,280	Ohio	4,396
Fla	2,291	Okla	2,834
Ga	3,784	Oreg	876
Hawaii	2,550	Pa	1,670
Idaho	461	R.I	5
Ill	3,477	S.C	2,177
Ind	2,442	S. Dak	623
Iowa	7,545	Tenn	2,741
Kans	2,190	Tex	1,516
Ky	3,464	Utah	3,373
La	3,324	Vt	297
Maine	126	Va	1,252
Md	18,529	Wash	493
Mass	2,209	W. Va	6,236
Mich	2,440	Wis	7,057
Minn	6,639	Wyo	131
Miss	1,570	Caribbean ¹	424
Mo	1,387		
Mont	6,492	Total	150,677
Nebr	14,189		

¹ Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 726.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1964–78

Year ¹	Number districts organized ²		Total area in districts		Approximate land in farms within districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1964	29	2,971	20,351	1,739,208	8,562	1,059,553
1965	18	2,989	14,073	1,753,281	6,392	1,065,945
1966	6	2,995	15,711	1,768,992	8,212	1,074,157
1967	15	3,010	13,509	1,782,501	7,594	1,081,751
1968	2	3,012	15,971	1,798,472	-11,456	³ 1,070,295
1969	5	3,017	8,066	1,806,538	5,596	1,075,891
1970	9	3,026	4,505	1,811,043	2,853	1,078,744
1971	1	3,027	13,361	1,824,404	-14,340	1,064,404
1972	-3	3,024	11,213	1,835,617	2,754	1,067,158
1973	-62	2,962	375,493	2,211,110	-36,121	⁴ 1,031,037
1974	-13	2,949	657	2,211,767	1,616	1,032,653
1975	-5	2,944	1,968	2,213,735	1,922	1,034,575
1976	-2	2,942	2,450	2,216,185	2,285	1,036,860
1977	-3	2,939	1,578	2,217,763	993	1,037,853
1978		2,939	-2,735	2,215,028	-594	1,037,259

¹ Fiscal years July 1 to June 30 through 1976; Oct. 1 through Sept. 30 for 1978.² Totals at the end of each year are net, including corrections and adjustments made during the year.³ Adjusted to the 1964 Census of Agriculture.⁴ Adjusted to the 1969 Census of Agriculture.

Soil Conservation Service.

Table 727.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memoranda of understanding with U.S. Department of Agriculture, cumulative through Sept. 30, 1978

State or Territory	Date district law became effective	Districts organized ¹	Approximate area and farms within organized districts			Districts having memoranda of understanding with USDA ²
			Total area	Farms (and ranches)	Land in farms	
		<i>Number</i>	<i>1,000 acres</i>	<i>Thousands</i>	<i>1,000 acres</i>	<i>Number</i>
Ala	Mar. 18, 1939	67	32,030	57	13,652	67
Alaska	Mar. 25, 1947	1	375,304	1	1,604	1
Ariz	June 16, 1941	31	60,340	6	28,809	29
Ark	July 1, 1937	76	33,245	51	15,695	76
Calif. ³	June 26, 1938	137	74,449	55	26,763	131
Colo	May 6, 1937	83	61,411	30	37,511	81
Conn	July 18, 1945	8	3,132	4	541	8
Del	Apr. 2, 1943	3	1,266	3	674	3
Fla	June 10, 1937	60	33,866	31	13,583	60
Ga	Mar. 23, 1937	28	37,190	55	15,806	27
Hawaii	May 19, 1947	15	4,045	3	2,058	15
Idaho	Mar. 9, 1939	51	52,610	26	14,501	50
Ill	July 9, 1937	98	33,577	112	29,773	98
Ind	Mar. 11, 1937	92	23,102	88	17,573	92
Iowa	July 4, 1939	100	35,883	152	34,070	100
Kans	Apr. 10, 1937	105	52,649	79	49,390	105
Ky	June 11, 1940	121	25,377	102	15,950	121
La	July 27, 1938	36	28,119	42	9,757	32
Maine	Mar. 25, 1941	16	17,539	6	1,759	16
Md	June 1, 1937	24	6,282	17	2,803	24
Mass	June 28, 1945	15	4,973	4	701	15
Mich	July 23, 1937	85	37,241	64	11,905	85
Minn	Apr. 26, 1937	92	50,659	111	28,743	91
Miss	Apr. 4, 1938	82	30,631	54	16,040	76
Mo	July 23, 1943	110	42,084	112	31,578	110
Mont. ⁴	Feb. 28, 1939	62	91,619	24	62,680	58
Nebr	May 18, 1937	24	48,982	68	47,225	24
Nev	Mar. 30, 1937	32	69,145	2	12,033	29
N.H	May 10, 1945	10	5,955	3	613	10
N.J	July 1, 1937	16	4,813	7	1,036	15
N. Mex. ⁵	Mar. 17, 1937	50	69,503	14	42,630	49
N.Y	July 20, 1940	57	30,489	46	10,146	56
N.C	Mar. 22, 1937	92	31,229	100	12,833	92
N. Dak	Mar. 16, 1937	62	45,141	43	43,156	60
Ohio	June 5, 1941	88	26,383	92	17,085	88
Okla	Apr. 15, 1937	88	44,180	83	35,769	88
Oreg	Apr. 7, 1939	54	60,603	33	17,631	54
Pa	July 2, 1937	66	28,927	53	8,898	65
R.I	Apr. 26, 1943	3	677	1	69	3
S.C	Apr. 17, 1937	46	19,345	29	6,992	44
S. Dak	July 1, 1937	69	48,577	51	44,891	68
Tenn	Mar. 10, 1939	95	26,444	101	15,057	95
Tex	Apr. 24, 1939	198	169,355	174	137,414	190
Utah	Mar. 23, 1937	40	48,554	13	10,229	39
Vt	Apr. 18, 1939	14	5,935	7	1,916	14
Va	Apr. 1, 1938	42	25,755	54	10,572	35
Wash	Mar. 17, 1939	52	41,623	34	17,560	44
W. Va	June 12, 1939	14	15,411	17	4,341	14
Wis	July 1, 1937	72	34,858	89	18,109	72
Wyo	May 22, 1941	39	62,422	10	35,799	38
U.S		2,921	2,212,929	2,413	1,035,923	2,857
P.R	July 1, 1946	17	2,074	29	1,296	17
V.I	June 1946	1	25	1	40	1
Total		2,939	2,215,028	2,443	1,037,259	2,875

¹For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

²Upon request, the U.S. Department of Agriculture enters into memoranda of understanding with districts for such assistance from the Departmental agencies as may be available.

³Includes the Imperial Irrigation District.

⁴Includes three State cooperative grazing districts.

⁵Includes the Elephant Butte Irrigation District.

Soil Conservation Service.

Table 728.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1978, and cumulative through Sept. 30, 1978

State or Territory	Soil surveys for farm planning ¹		State or Territory	Soil surveys for farm planning ¹	
	Work during year ending Sept. 30, 1978	Total to date		Work during year ending Sept. 30, 1978	Total to date
	<i>Acres</i>	<i>Acres</i>		<i>Acres</i>	<i>Acres</i>
Ala	1,134,038	19,293,376	Nev	1,337,618	26,535,419
Alaska ²		358,268,985	N.H	203,472	3,630,931
Ariz	2,105,528	22,208,202	N.J. ²	—807,090	4,570,194
Ark	1,193,748	26,188,813	N. Mex	4,240,211	54,377,620
Calif	1,770,360	21,881,465	N.Y	493,050	18,541,880
Colo	2,225,274	35,884,418	N.C	1,775,778	13,961,832
Conn	138,939	3,019,245	N. Dak	1,567,952	26,946,356
Del		1,265,920	Ohio	1,003,612	18,597,219
Fla	962,386	15,142,933	Okla	634,625	36,829,649
Ga	592,215	30,722,737	Oreg	1,919,538	20,373,585
Hawaii		3,511,624	Pa	366,955	26,574,316
Idaho	1,874,840	14,252,436	R.I		677,120
Ill	974,389	16,743,163	S.C	641,578	15,463,520
Ind	1,365,120	15,991,803	S. Dak	1,467,469	31,196,377
Iowa	1,242,766	25,711,283	Tenn	334,453	18,728,921
Kans	1,921,153	43,454,295	Tex	4,036,374	135,391,761
Ky	688,345	17,766,963	Utah	4,816,165	16,568,013
La	1,237,065	12,743,397	Vt	137,332	2,991,931
Maine	387,651	7,361,997	Va	459,369	10,947,682
Md	167,076	6,411,501	Wash	2,712,642	35,152,422
Mass	102,978	3,581,106	W. Va	422,640	8,739,498
Mich	959,341	15,658,454	Wis	842,835	22,929,526
Minn	1,105,718	23,054,027	Wyo	1,310,970	20,539,401
Miss	626,999	23,571,020	Caribbean ³		2,274,102
Mo	1,166,959	17,459,272			
Mont	1,894,654	39,661,069			
Nebr	1,835,491	31,065,051	Total	57,590,621	1,424,413,830

¹The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

²Corrected cumulative total.

³Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 729.—Soil conservation practices:¹ Newly applies in soil conservation districts with Soil Conservation Service assistance, fiscal years 1974–78²

Practice	Unit	1974	1975	1976	1977	1978
Contour farming	Acres	2,653,372	2,403,083	2,544,956	(³)	.....
Conservation cropping systems	do	18,923,240	15,604,805	16,176,357	(³)	.....
Stripcropping	do	449,707	366,229	346,690	456,643	498,907
Seeding range and pasture	do	2,839,331	2,697,033	2,487,799	2,231,290	2,368,010
Tree planting	do	419,541	412,486	257,554	379,570	412,842
Ponds	Number	23,500	51,167	35,964	45,147	47,108
Terraces	Miles	12,445	19,719	27,388	20,927	23,232
Diversions	do	1,303	2,444	2,424	(³)	.....
Open drains	do	8,740	7,936	8,687	7,532	5,124
Tile drains	do	20,000	28,606	31,156	28,774	36,543
Irrigation land leveling	Acres	194,107	243,667	231,292	(³)	.....
Irrigation water management	do	3,091,653	2,566,817	2,838,549	2,462,930	2,485,455
Land treated for erosion control	do	27,190,215	24,566,958	24,347,323	39,827,560	43,771,258

¹Includes practices applied under all programs on which SCS provides technical assistance.

²Fiscal years July 1–June 30 for 1973–76; Oct. 1–Sept. 30 for 1977.

³Not reported nationally after fiscal year 1976.

Soil Conservation Service.

Table 730.—Soil conservation practices:¹ Applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1978

State or Territory	Strip-cropping	Seeding range and pasture	Tree planting	Wildlife management	Drainage		Irrigation water management	Terracing	Ponds
					Open drains	Tile drains			
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Miles</i>	<i>Miles</i>	<i>Acres</i>	<i>Miles</i>	<i>Number</i>
Ala	14	45,730	38,739	64,638	98	69	12,489	526	1,199
Alaska	733	1,035	.....	452	.....	.....	335	.....	12
Ariz . . . . .	.....	5,715	.....	107,650	.....	.....	36,180	.....	32
Ark	8,725	74,192	8,248	135,087	99	.....	148,892	6	2,422
Calif	11	22,616	1,686	118,790	63	1,069	81,880	82	358
Colo	16,773	19,242	897	84,260	.....	11	99,292	535	500
Conn	116	1,509	844	659	5	16	.....	3	54
Del	15	471	759	14,492	119	4	2,364	.....	30
Fla	275	83,961	59,668	100,972	555	326	28,993	703	791
Ga	778	53,870	34,554	121,406	209	1,140	73,852	966	701
Hawaii	10	5,712	8	14,000	.....	.....	7,240	111	58
Idaho	1,692	19,607	55	25,607	8	36	89,796	26	124
Ill	3,518	19,983	1,610	5,647	65	555	540	396	817
Ind	67	22,598	1,885	10,806	43	1,635	825	86	596
Iowa	25,808	25,507	2,066	10,097	35	14,082	130	1,996	690
Kans	2,795	16,684	57	34,734	24	18	61,764	7,114	1,457
Ky	627	119,351	8,061	4,821	39	989	.....	2	1,530
La . . . . .	.....	21,878	13,114	214,190	601	.....	49,317	.....	362
Maine	2,033	4,218	1,481	5,492	11	161	1,391	.....	36
Md	1,352	2,447	521	2,637	250	43	.....	.....	131
Mass	91	2,557	76	175	3	9	368	.....	24
Mich	2,071	32,194	11,810	26,767	43	3,585	12,924	.....	450
Minn	10,837	12,705	1,836	50,235	166	811	7,089	77	1,116
Miss	679	155,971	38,005	338,249	460	1	58,399	1,118	5,186
Mo	1,610	64,633	836	27,208	201	128	17,517	1,009	2,434
Mont	48,647	41,695	157	61,975	8	20	107,442	1	312
Nebr	10,750	22,562	1,189	267,210	40	16	443,255	2,217	1,409
Nev . . . . .	.....	14,357	1	340	4	5	12,061	.....	34
N.H	90	1,598	81	790	7	19	156	1	85
N.J	272	491	109	703	7	17	148	1	34
N. Mex . . . . .	.....	11,355	87	88,908	.....	.....	19,381	20	124
N.Y	6,835	28,046	3,288	4,413	130	981	.....	24	173
N.C	2,534	21,116	24,599	48,736	447	399	244	28	612
N. Dak	137,959	130,606	43	86,866	116	.....	18,304	19	1,251
Ohio	3,975	21,064	2,202	23,040	139	6,727	.....	.....	430
Okla	2,039	110,019	1,774	154,288	8	38	106,740	1,483	3,741
Oreg	221	24,406	4,643	33,253	42	1,031	54,079	143	528
Pa	73,444	35,482	46,432	88,267	43	1,072	103	29	470
R.I . . . . .	.....	110	72	80	.....	1	.....	.....	17
S.C	4,559	12,762	23,481	95,991	470	239	5,016	307	332
S. Dak	61,474	196,671	658	165,468	1	3	21,415	199	972
Tenn	712	69,455	11,686	10,828	47	160	96	115	1,310
Tex	13,731	669,978	48,249	11,856,227	204	106	710,654	3,764	4,970
Utah	2,100	13,488	84	22,134	6	15	60,015	12	350
Vt	127	6,847	37	809	30	89	.....	.....	49
Va	1,460	16,416	8,443	3,590	122	234	317	7	442
Wash	6,446	24,527	4,072	40,996	65	255	62,025	60	361
W. Va	883	10,534	2,942	49,924	15	46	10	.....	219
Wis	25,377	5,755	1,544	17,006	72	364	502	42	365
Wyo	14,642	27,272	70	38,464	3	18	68,039	3	124
Caribbean ² . . . . .	.....	17,012	59	511	1	.....	3,876	1	18
Total	498,907	2,368,010	412,820	14,679,888	5,124	36,543	2,485,455	23,232	39,842

¹ Data shown are for some principal practices on which reports are received nationally. In addition, there are many other practices on which work is done.

² Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 731.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1978, and cumulative through Sept. 30, 1978

State or Territory	Progress, year ending Sept. 30, 1978				Cumulative through Sept. 30, 1978			
	New SCD cooperators		New conservation plans ¹		SCD cooperators		Conservation plans ²	
	<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>
Ala	1,392	266,564	3,452	255,040	50,845	10,558,071	50,854	10,048,686
Alaska	118	198,486	76	5,179,991	890	2,788,641	450	5,318,008
Ariz	196	589,176	99	295,280	4,902	13,936,770	3,522	9,152,892
Ark	1,560	324,022	1,524	317,799	92,663	18,712,450	90,534	17,987,902
Calif	845	435,277	475	221,999	35,389	14,399,690	23,549	8,649,628
Colo	859	1,051,229	495	843,829	24,271	29,623,283	16,738	23,000,975
Conn	76	8,042	147	8,485	3,557	417,586	2,320	239,566
Del	126	14,422	54	8,750	4,247	561,052	2,998	405,944
Fla	776	247,867	556	314,557	24,903	12,183,681	20,455	8,538,142
Ga	1,373	316,657	1,119	238,062	88,413	18,160,311	81,937	16,040,409
Hawaii	103	157,198	70	28,475	2,137	2,937,397	1,527	1,675,001
Idaho	535	173,249	246	123,631	22,266	11,552,964	12,211	6,879,795
Ill	1,918	281,564	392	39,758	71,830	13,050,834	49,956	8,360,524
Ind	1,531	283,676	953	250,327	68,222	10,058,478	45,607	6,367,008
Iowa	2,998	683,177	2,304	353,066	105,495	20,667,752	81,818	14,524,208
Kans	1,519	570,796	1,412	597,715	94,201	34,037,164	82,201	29,205,178
Ky	1,704	239,144	1,242	169,807	78,820	13,272,997	57,356	7,387,658
La	2,193	351,975	873	275,795	46,759	11,652,456	38,950	8,895,268
Maine	499	85,256	325	53,336	12,310	2,378,129	7,784	1,565,988
Md	670	52,821	408	40,108	21,668	2,827,707	16,791	404,781
Mass	185	14,077	124	10,070	6,728	825,916	6,069	712,690
Mich	1,137	161,455	650	117,200	61,928	8,451,818	43,978	5,832,677
Minn	2,157	603,141	1,242	284,174	66,874	17,951,879	40,297	8,836,143
Miss	1,736	383,624	1,781	362,315	78,796	15,831,428	71,410	13,539,114
Mo	1,932	521,039	1,495	386,348	55,233	13,662,081	36,054	8,011,969
Mont	401	962,568	192	761,834	14,404	43,502,432	10,298	32,612,511
Nebr	1,203	783,241	619	446,784	70,287	32,527,510	50,606	24,519,679
Nev	171	113,780	134	116,448	2,438	6,261,670	1,717	3,941,126
N.H	258	68,060	156	25,432	6,099	1,135,220	4,096	680,730
N.J	89	12,504	92	7,104	6,910	960,352	4,640	524,937
N. Mex	301	766,322	325	889,053	12,531	40,012,592	10,313	32,198,579
N.Y	2,857	508,217	1,916	460,137	47,449	10,327,629	32,372	7,187,464
N.C	2,277	296,984	1,961	342,158	77,110	11,333,479	64,123	7,681,460
N. Dak	463	427,910	507	467,811	37,727	32,187,511	32,040	27,107,964
Ohio	2,978	301,279	1,390	120,049	85,747	10,679,054	56,784	7,112,761
Okl	2,729	893,685	2,770	902,360	98,618	30,122,082	96,386	29,286,029
Oreg	287	338,061	203	443,874	17,956	13,157,037	10,140	8,404,622
Pa	2,233	259,539	2,154	675,569	59,127	10,686,582	44,767	8,279,700
R.I	17	832	12	1,567	1,589	143,153	1,264	116,248
S.C	1,375	176,426	825	124,029	35,559	6,755,584	30,941	5,540,177
S. Dak	1,047	656,430	447	367,700	35,769	31,969,892	24,974	22,329,049
Tenn	1,931	329,583	1,693	195,714	66,638	9,799,645	46,145	6,029,396
Tex	6,681	3,777,173	6,837	3,891,000	198,484	110,015,892	196,569	109,201,883
Utah	86	119,035	92	172,442	12,044	11,587,587	11,196	9,711,563
Vt	242	37,137	123	19,056	12,060	2,390,812	7,833	1,590,562
Va	1,478	204,722	1,010	153,913	42,224	6,585,024	31,093	4,775,759
Wash	411	480,013	306	179,323	22,522	11,188,864	15,498	7,728,239
W. Va	1,037	473,907	908	288,872	47,160	7,618,203	34,800	4,280,740
Wis	1,663	413,084	904	155,387	48,888	9,953,950	35,891	6,262,913
Wyo	251	851,263	194	612,487	7,398	25,145,910	5,965	19,207,563
Caribbean ³	242	14,995	190	12,511	21,002	1,166,300	18,804	1,041,486
Total	60,846	21,280,684	47,474	22,608,531	2,211,087	777,714,497	1,764,621	608,933,294

¹Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.

²Losses through cancellation, death, and change of ownership are deducted and net total at end of year shown.

³Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 732.—Great Plains Conservation Program: Practices applied and cost-shares paid for year ending Sept. 30, 1978 and cumulative 1956–78

Practice	Amount applied			Cost-shares paid	
	Unit	1978	1956–78	1978	1956–78
INITIAL APPLICATION					
Establish permanent vegetative cover	Acres	102,143	2,719,484	<i>Dollars</i> 1,760,465	<i>Dollars</i> 25,416,195
Establish field/wind stripcropping . . . . .	. . do	36,924	1,064,111	98,676	1,550,969
Establish contour stripcropping . . . . .	. . do	3,572	179,950	31,865	859,364
Establish contour farming . . . . .	. . do		4,981		4,469
Reestablishing grasslands . . . . .	. . do	90,546	2,213,441	1,862,141	25,511,187
Establishment of trees and shrubs . . . . .	. . do	8,437	56,149	229,777	3,005,942
Establish permanent waterways . . . . .	. . do	2,820	52,934	518,467	6,571,155
Terrace	Miles	4,160	7,266	2,493,885	26,597,394
Diversions . . . . .	. . do	183	374	222,058	3,337,662
Grassland mechanical treatment	Acres	7,147	387,915	17,410	477,445
Dams for erosion control, detention	Number	353	795	288,063	6,120,972
Grade stabilization structures . . . . .	. . do	2,916	3,124	153,718	1,819,291
Streambank protection, etc	Linear ft	2,322	288,991	3,434	336,256
Diversion dams and spreader ditches	Acres	2,197	148,273	195,232	3,520,237
Reorganizing irrigation systems	Number	5,013	5,204	851,048	8,817,683
Irrigation land leveling	Acres	3,365	238,974	268,596	7,220,340
Dams, pits, or ponds for irrigation	Number	25	819	59,102	757,234
Lining irrigation ditches	Linear ft	19,343	1,939,695	45,554	1,749,796
Wells	Number	631	23,823	612,029	13,406,126
Developing springs and seeps . . . . .	. . do	117	3,359	43,573	697,961
Constructing dams, pits, or ponds . . . . .	. . do	3,661	40,147	716,967	15,602,414
Pipelines	Miles	735	10,548	1,149,237	13,009,822
Controlling competitive shrubs	Acres	164,336	5,872,371	795,639	16,759,688
Fences	Miles	878	19,264	863,915	9,050,185
Critical area treatment	Acres	2,718	21,641	359,885	1,903,757
Irrigation tailwater recovery system	Number	51	298	65,345	256,059
Disposal lagoons . . . . .	. . do	6	75	14,131	82,636
Recreation land grading and shaping	Acres	12	16	900	1,071
Water storage facilities	Number	1,459	9,763	628,394	3,200,037
Catchment basins . . . . .	. . do		5		24,552
Shallow water areas . . . . .	. . do	6	17	17,136	68,261
Holding ponds and tanks . . . . .	. . do	27	146	87,927	236,410
Wheatgrass barriers	Linear ft	42,240	1,173,930	22	1,802
REAPPLICATION					
Establish permanent vegetative cover	Acres	11,518	190,328	184,524	1,698,836
Establish field/wind stripcropping . . . . .	. . do	1,196	1,669	6,453	7,628
Establish contour stripcropping . . . . .	. . do	1,762	1,762	15,506	15,900
Reestablishing grasslands . . . . .	. . do	3,980	101,923	77,004	1,123,592
Establishment of trees or shrubs . . . . .	. . do	394	3,977	32,839	187,970
Establish permanent waterways . . . . .	. . do	296	5,071	16,408	205,240
Terraces	Miles	44	85	14,525	235,335
Diversions . . . . .	. . do		1	538	5,562
Grassland mechanical treatment	Acres		220		220
Dams for erosion control, detention	Number	2	57	1,424	36,464
Grade stabilization structures . . . . .	. . do	10	41	5,800	37,852
Streambank protection, etc	Linear ft		1,961		16,559
Diversion dams and spreader ditches	Acres		3,738		30,956
Reorganizing irrigation systems	Number		5,255		5,255
Irrigation land leveling	Acres		587		11,615
Dams, pits, or ponds for irrigation	Number		6		2,410
Lining irrigation ditches	Linear ft		217		163
Wells	Number	5	85	3,726	43,612
Developing springs and seeps . . . . .	. . do		8		2,373
Constructing dams, pits, or ponds . . . . .	. . do	2	99	203	40,176
Pipelines	Miles	1	11	1,454	11,763
Controlling competitive shrubs	Acres	5,126	73,879	14,829	147,741
Fences	Miles	1	2	175	607
Critical area treatment	Acres	145	285	9,448	55,980
Irrigation tailwater recovery system	Number				372
Water storage facilities . . . . .	. . do		3		3,152
Holding ponds and tanks . . . . .	. . do		1		1,209
Tall wheatgrass barriers	Linear ft				67
Total				14,839,447	201,902,981

Soil Conservation Service.

Table 733.—Great Plains Conservation Program:¹ Contracts, area, and obligations, by States, year ending Sept. 30, 1978, and cumulative 1956-78

State	Designated counties	Contracts signed				Cost-share obligations		Contracts completed through Sept. 30, 1978	
		1978		1956-78		1978	1956-78		
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>
Colo	37	139	425	4,634	12,447	1,650	28,499	2,998	8,576
Kans	62	177	112	6,140	4,213	1,396	20,998	4,530	3,113
Mont	39	87	560	2,373	12,779	1,135	18,365	1,630	7,644
Nebr	61	178	363	7,061	9,601	1,601	26,334	5,308	6,921
N. Mex	19	91	892	2,111	15,725	1,056	15,399	1,541	11,096
N. Dak	38	148	193	5,979	8,242	775	16,729	4,178	5,444
Okla	30	218	120	7,400	5,306	1,412	23,644	5,217	3,974
S. Dak	47	170	393	3,551	9,519	1,314	18,307	1,797	5,221
Tex	123	427	496	15,728	20,064	3,922	73,272	11,153	14,328
Wyo	13	67	558	967	6,682	795	9,439	450	3,055
Total	469	1,702	4,112	55,944	104,578	15,056	250,986	38,802	69,372

¹ As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

Soil Conservation Service.

FOOTNOTES FOR TABLE 736

¹ Data may not add to totals because of rounding.

² Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and non-forested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built up lands. Also included are chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearing in forest areas are classified as forest if less than 120 feet in width.

³ Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.

⁴ Includes Indian lands.⁵ Includes Alaska.⁶ Includes Hawaii.

Forest Service.

Table 734.—Watershed protection¹ and flood prevention projects:² Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1978

Item	Unit	P.L. 566 watersheds	Flood prevention watersheds
Projects in operation during year	Number	747	10
Works of improvement installed:			
Critical area planting	Acres	4,304	8,705
Grassed waterway	..do	178	226
Pasture and hayland planting	..do	32,096	43,569
Ponds	Number	215	270
Range seeding	Acres	738	861
Stripcropping	..do	1,216	10
Terracing	Miles	71	98
Tree planting	Acres	4,444	4,436
Wildlife management	..do	59,374	327,479
Woodland improvement	..do	3,036	1,797

¹ As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.

² All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1965, work in one watershed was completed.

Soil Conservation Service.

Table 735.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending Sept. 30, 1977 and 1978 and cumulative to Sept. 30, 1978¹

Practices and measures ²	Unit	Total completed or acquired		
		During year ending Sept. 30, 1977	During year ending Sept. 30, 1978	Cumulative, to Sept. 30, 1978
Fire protection:				
Roads and trails (constructed or rebuilt)	Miles	16	11	1,600
Firebreaks	..do	46	35	3,022
Telephone lines	..do			306
Large water-storage tanks	Number	2	5	170
Lookout towers	..do			51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.)	..do	6	3	157
Pumps	..do			30
Radios (mobile and stationary)	..do			411
Mobile equipment	..do		2	182
Helispots and heliports	..do	2	2	450
Stabilization of roadsides	Miles	43	57	3,359
Revegetation—cover improvement:				
Seeding and planting—trees and shrubs	Acres	12,121	13,678	877,904
Emergency seeding following fire ³	..do		850	1,045,123
Mountain channel control:				
Barriers	Number	108	28	1,093
Planting	Square yards			324,434
Channel clearing ³	Acres			495
Channel stabilization	Linear feet	15,840	16,368	1,105,525
Forest management: Owner participation	Number	18,700	24,207	144,616

¹ Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yazoo, Trinity, Washita, and Little Sioux.

² These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

³ Includes treatment of watersheds following fire or other disaster under the provisions of Section 216 of the Flood Control Act of 1959.

Forest Service.

Table 736.—Forest land: Total forest land and area and ownership of commercial timber land, by regions, Jan. 1, 1977¹

Region	Total forest land ²	Commercial timberland ³							
		All owner-ships	Federal			State, county, and municipal ⁴	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
New England	32,491	31,015	770	706	64	1,088	29,158	9,898	19,259
Middle Atlantic	51,852	48,215	1,517	1,338	180	4,474	42,223	2,855	39,368
Lake States	53,270	49,984	5,999	5,672	327	13,749	30,236	4,219	26,017
Central	43,229	41,556	2,929	2,406	523	792	37,835	805	37,030
North	180,842	170,769	11,215	10,121	1,094	20,103	139,451	17,777	121,674
South Atlantic	48,710	47,677	3,850	3,026	824	930	42,897	5,811	37,086
East Gulf	42,296	40,142	3,033	1,818	1,215	627	36,482	9,637	26,845
Central Gulf	51,434	51,045	2,921	2,319	603	1,041	47,083	7,831	39,252
West Gulf	64,632	49,569	4,496	3,793	704	844	44,229	12,475	31,755
South	207,072	188,433	14,300	10,955	3,346	3,442	170,691	35,754	134,937
Pacific Northwest ⁵	172,349	53,507	27,515	23,328	4,187	7,731	18,262	9,662	8,600
Pacific Southwest ⁶	42,138	17,251	8,446	8,168	278	683	8,122	2,687	5,435
Northern Rocky Mtn	55,682	33,478	22,408	21,312	1,096	2,414	8,657	2,073	6,584
Southern Rocky Mtn	82,065	24,287	15,771	15,124	647	2,575	5,941	23	5,918
West	352,234	128,523	74,139	67,932	6,208	13,402	40,982	14,445	26,537
All regions	740,147	487,726	99,655	89,007	10,648	36,947	351,124	67,976	283,149

See footnotes on page 533.

Table 737.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1977¹

Region	Growing stock ²			Sawtimber ³		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England	42,162	23,689	18,473	76,245	44,244	32,001
Middle Atlantic	57,789	7,756	50,034	104,194	17,436	86,757
Lake States	45,032	12,391	32,641	92,590	30,717	61,872
Central	30,715	1,698	29,017	84,953	4,669	80,285
North	175,698	45,533	130,165	357,981	97,066	260,916
South Atlantic	59,988	23,333	36,655	171,401	74,317	97,084
East Gulf	40,134	24,405	15,729	112,478	74,078	38,400
Central Gulf	50,756	23,068	27,688	152,828	86,321	66,507
West Gulf	50,203	25,998	24,205	169,055	105,255	63,801
South	201,081	96,805	104,277	605,763	339,972	265,792
Pacific Northwest ⁴	186,526	173,149	13,377	950,053	909,792	40,261
Pacific Southwest ⁵	49,870	45,979	3,891	264,716	255,611	9,105
Northern Rocky Mtn	68,699	67,942	757	269,646	267,567	2,079
Southern Rocky Mtn	31,116	26,993	4,122	120,524	112,812	7,711
West	336,210	314,063	22,147	1,604,938	1,545,782	59,156
All regions	712,989	456,401	256,589	2,568,682	1,982,820	585,863

See footnotes on page 539.

Table 738.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1977¹

Species	Total West	Pacific Northwest ²	Pacific Southwest ³	Northern Rocky Mountain	Southern Rocky Mountain
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Softwoods:					
Douglas-fir	511,974	350,611	72,938	74,264	14,160
Ponderosa and Jeffrey pine	192,053	68,623	51,300	34,885	37,246
True firs	214,500	88,730	71,951	39,551	14,268
Western hemlock	257,435	249,908	627	6,873	27
Sugar pine	25,001	4,585	20,410		6
Western white pine	16,779	5,055	1,245	10,407	72
Redwood	22,007	573	21,434		
Sitka spruce	50,518	50,250	268		
Englemann and other spruce	78,492	16,318	9	28,157	34,008
Western larch	30,322	12,536		17,786	
Western redcedar	43,591	33,075	101	10,415	
Incense cedar	12,687	3,098	9,583		6
Lodgepole pine	71,416	15,042	4,142	40,849	11,383
Other	19,009	11,388	1,603	4,381	1,637
Total	1,545,782	909,792	255,611	267,567	112,812
Hardwoods:					
Cottonwood and aspen	14,027	4,327	52	1,938	7,709
Red alder	22,854	22,675	179		
Oak	5,517	1,087	4,430		
Other	16,758	12,171	4,444	141	2
Total	59,156	40,261	9,105	2,079	7,711
All species	1,604,938	950,053	264,716	269,646	120,524

¹ Net volume in board feet, International ¼-inch log rule. Data may not add to totals because of rounding.² Includes Alaska.³ Includes Hawaii.

Forest Service.

Table 739.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 1976¹

Roundwood product, logging residues, and mortality	Growing stock			Sawtimber		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet²</i>	<i>Million board feet²</i>	<i>Million board feet²</i>
Roundwood products:						
Saw logs	6,432	5,084	1,349	38,476	31,109	7,367
Veneer	1,334	1,238	96	8,783	8,210	572
Pulpwood	3,353	2,341	1,012	9,868	7,294	2,574
Miscellaneous industrial	345	226	120	1,475	1,015	460
Fuelwood	331	63	268	702	134	567
Total	11,795	8,951	2,844	59,303	47,763	11,540
Logging residues	1,410	824	586	3,473	2,317	1,156
Other removals	1,220	395	825	3,401	1,577	1,824
Total	2,630	1,219	1,411	6,874	3,894	2,980
Mortality	4,035	2,311	1,724	12,145	8,763	3,383

¹ Timber removals include the net volume of growing stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Data may not add to totals because of rounding.² International ¼-inch log rule.

Forest Service.

Table 740.—Timber volume: Net volume of sawtimber on commercial timberland in the East, by regions and species, Jan. 1, 1977¹

Species	Total East	North					South				
	Total	New England	Middle Atlantic	Lake States	Central	Total	South Atlantic	East Gulf	Central Gulf	West Gulf	
Softwoods:	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	
White and red pines	36,066	31,081	5,350	11,050	70	4,986	3,308	885	793		
Jack pine	3,240	3,240		3,239	1						
Longleaf and slash pines	52,752					52,752	4,769	28,634	14,493	4,866	
Loblolly and shortleaf pines	242,116	2,840	1,682		1,158	239,276	49,401	32,515	63,766	93,593	
Other yellow pines	25,421	275	2,627		2,131	20,389	11,499	3,606	4,848	436	
Spruce and balsam fir	27,012	19,365	1,947	5,630		69	69				
Eastern hemlock	18,226	6,873	5,388		37	1,615	1,253	93	269		
Cypress	19,808				126	19,682	3,507	8,061	1,867	6,248	
Ponderosa and Jeffrey pines	568			66	502						
Other	10,213	9,011	443	4,803	644	1,202	511	284	285	122	
Total	437,037	97,066	17,436	30,717	4,669	339,972	74,317	74,078	86,321	105,255	
Hardwoods:											
Select white oaks	54,084	27,299	8,110	3,538	14,781	26,785	11,659	2,148	8,033	4,945	
Select red oaks	46,044	31,262	12,441	7,359	6,735	14,782	6,118	938	4,111	3,614	
Other white oaks	37,571	85	7,124		5,671	24,795	8,878	3,147	5,950	6,820	
Other red oaks	81,012	27,227	8,925	2,171	14,379	53,785	15,489	8,657	14,106	15,532	
Hickory	33,286	11,839	3,555	444	7,500	21,447	6,101	2,254	7,328	5,763	
Yellow birch	7,682		1,403	2,618		117	117				
Hard maple	28,954	27,622	7,352	10,244	2,903	1,332	636	54	583	59	
Soft maple	28,719	20,674	7,922	4,454	3,073	8,046	4,784	1,836	1,006	421	
Beech	16,826	12,728	5,178	1,980	3,108	4,097	1,817	226	1,035	1,018	
Sweetgum	31,520	1,387	768		619	30,133	9,553	4,854	6,323	9,403	
Tupelo and black gum	26,951	1,517	742		775	25,434	1,830	1,239	4,227	4,983	
Ash	17,830	10,729	3,049	3,198	2,995	7,101	279	44	924	1,163	
Cottonwood and aspen	18,176	15,766	942	11,016	2,705	2,410	582	84	325	71	
Basswood	8,288	7,225	1,944	4,189	882	1,062	82	3,193	4,968	115	
Yellow-poplar	33,643	10,918	6,478	34	4,406	22,725	14,450	13	211	79	
Black walnut	2,220		342	41	1,296	560	247	13	154		
Black cherry	7,012	6,576	319	319	530	436	171	40	154		
Other	46,789	26,033	4,986	10,268	7,935	20,756	4,993	2,840	5,418	7,505	
Total	526,707	260,916	86,757	61,872	80,285	265,792	97,084	38,400	66,507	63,801	
All species	963,744	357,981	104,194	92,590	84,953	605,763	171,401	112,478	152,828	169,055	

¹ Net volume in board feet, International 1/4-inch log rule. Data may not add to totals because of rounding.

Forest Service.

Table 741.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 1976¹

Item and region	All species		Softwoods		Hardwoods	
	Timber cut ²	Growth ³	Timber cut ²	Growth ³	Timber cut ²	Growth ³
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
GROWING STOCK						
New England	639	1,352	396	847	244	505
Middle Atlantic	663	1,833	103	232	560	1,600
Lake States	790	1,692	181	456	609	1,236
Central	637	1,051	25	70	612	982
North	2,730	5,928	705	1,605	2,025	4,323
South Atlantic	1,664	2,748	981	1,265	683	1,483
East Gulf	1,367	2,326	1,048	1,722	319	604
Central Gulf	1,760	2,990	1,138	1,635	621	1,354
West Gulf	1,780	2,763	1,304	1,648	476	1,115
South	6,571	10,826	4,471	6,270	2,100	4,556
Pacific Northwest ⁴	3,319	2,639	3,209	2,173	109	466
Pacific Southwest ⁵	960	792	943	713	17	79
Northern Rocky Mountain	669	1,280	669	1,264	.....	16
Southern Rocky Mountain	176	409	173	325	4	84
West	5,124	5,121	4,994	4,475	130	646
All regions	14,425	21,874	10,170	12,350	4,255	9,524
	<i>Million board feet ⁶</i>	<i>Million board feet ⁶</i>	<i>Million board feet ⁶</i>	<i>Million board feet ⁶</i>	<i>Million board feet ⁶</i>	<i>Million board feet ⁶</i>
SAWTIMBER						
New England	2,061	2,853	1,355	1,795	706	1,058
Middle Atlantic	1,953	3,674	266	631	1,687	3,043
Lake States	2,257	4,511	553	1,446	1,704	3,065
Central	2,354	2,939	73	208	2,282	2,731
North	8,625	13,977	2,246	4,079	6,379	9,897
South Atlantic	5,771	9,426	3,564	4,620	2,207	4,807
East Gulf	4,880	7,534	3,834	5,875	1,046	1,659
Central Gulf	7,717	9,820	5,170	6,520	2,547	3,300
West Gulf	8,268	9,921	6,370	7,107	1,898	2,814
South	26,636	36,702	18,937	24,122	7,698	12,580
Pacific Northwest ⁴	20,164	12,271	19,786	10,754	379	1,517
Pacific Southwest ⁵	5,907	4,023	5,860	3,885	47	138
Northern Rocky Mountain	3,846	4,882	3,846	4,845	.....	37
Southern Rocky Mountain	998	1,711	981	1,492	17	218
West	30,916	22,887	30,473	20,977	444	1,910
All regions	66,177	73,567	51,656	49,178	14,520	24,388

¹Data may not add to totals because of rounding.

²Timber removals include the net volume of growing stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.

³The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level because part of the commercial forest area consists of old-growth timber which contributes little to net annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable balance of growing stock by age classes.

⁴Includes Alaska.

⁵Includes Hawaii.

⁶International 1/4-inch log rule.

Forest Service.

Table 742.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1978

State or other area	Gross area within unit boundaries	National Forest System lands ¹	Other lands within unit boundaries ²	State or other area	Gross area within unit boundaries	National Forest System lands ¹	Other lands within unit boundaries ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>		<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
Ala	1,263	643	620	N. Mex	10,272	9,245	1,027
Alaska	20,777	20,594	183	N.Y	13	13	.....
Ariz	11,936	11,270	666	N.C	3,166	1,156	2,010
Ark	3,501	2,469	1,032	N. Dak	1,106	1,106	(³)
Calif	24,338	20,359	3,979	Ohio	833	170	663
Colo	15,909	14,388	1,521	Okla	461	291	170
Conn	(³)	(³)	(³)	Oreg	17,449	15,605	1,844
Fla	1,224	1,084	140	Pa	743	509	234
Ga	1,911	859	1,052	S.C	1,381	608	773
I Idaho	21,667	20,411	1,256	S. Dak	2,269	1,995	274
Ill	840	258	582	Tenn	1,212	621	591
Ind	645	183	462	Tex	1,836	781	1,055
Kans	108	108	.....	Utah	9,129	8,046	1,083
Ky	2,100	663	1,437	Vt	630	266	364
La	1,017	597	420	Va	3,228	1,610	1,618
Maine	94	52	42	Wash	10,027	9,070	957
Mich	4,870	2,714	2,156	W. Va	1,861	963	898
Minn	5,466	2,795	2,671	Wis	2,023	1,495	528
Miss	2,311	1,139	1,172	Wyo	9,691	9,252	439
Mo	3,082	1,457	1,625	P.R	56	28	28
Mont	19,088	16,768	2,320	V.I	(³)	(³)	.....
Nebr	441	352	89	Total	226,201	187,819	38,382
Nev	5,422	5,143	279				
N.H	805	683	122				

¹ *National Forest System lands.*—The national forests, national forest purchase units, national grasslands, and other lands administered by the Forest Service. Includes national forest lands withdrawn for use of other Federal agencies where the National Forest reservation has not been revoked.

National forests.—Areas formally designated or proclaimed as national forest.

Purchase units.—Portions of approved national forest acquisition areas established by the Secretary of Agriculture or previously recommended by the Secretary and approved by the National Forest Reservation Commission, located both inside and outside designated or proclaimed national forest boundaries.

National grasslands.—Lands designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act. The acreage shown for the national grasslands are the areas of such lands administered by the indicated unit headquarters or regions.

Land utilization projects.—Lands administered by the Forest Service for programs of land utilization and adjustment under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Areas outside of the national forests and grasslands which have been reserved and dedicated to forest or range research and experimentation.

Other areas.—Lands administered by the Forest Service that are not included in the above groups.

² *Other lands within unit boundaries.*—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

³ Less than 500 acres.

Forest Service.

FOOTNOTES FOR TABLE 737

¹ Data may not add to totals because of rounding.

² Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

³ Net volume of the saw-log portion of live sawtimber trees in board feet, International ¼-inch log rule. Live trees of commercial species containing at least one 12-foot saw log or two noncontiguous 8-foot saw logs, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height, hardwoods 11.0 inches.

⁴ Includes Alaska.

⁵ Includes Hawaii.

Forest Service.

Table 743.—Cooperative tree planting: Forest tree distribution program, with costs, United States, fiscal years 1964–78¹

Year ending June 30 ²	Trees distributed	Costs			Year ending June 30 ²	Trees distributed	Costs		
		Federal contribution ³	State expenditure	Total			Federal contribution ³	State expenditure	Total
	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	535,429	229	7,224	7,453	1972	552,997	175	5,636	5,810
1965	508,651	216	6,649	6,865	1973	581,090	214	5,986	6,200
1966	521,440	219	6,593	6,812	1974	539,549	216	6,674	6,890
1967	572,088	220	7,769	7,989	1975	577,996	225	5,122	5,347
1968	573,067	221	8,836	9,057	1976	506,464	140	(*)	(*)
1969	523,986	203	9,911	10,114	1977	657,299	145	(*)	(*)
1970	494,941	197	8,347	8,544	1978	(*)	(*)	(*)	(*)
1971	598,762	165	5,675	5,840					

¹ Includes Puerto Rico; excludes Alaska.² Fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 for 1977–78.³ Provided by Clark-McNary law, Act of June 7, 1924, as amended.⁴ Not available.

Forest Service.

Table 744.—Cooperative forest management: Accomplishments and expenditures, United States, fiscal years 1964–78¹

Year ending June 30 ²	Accomplishments				Expenditures		
	Woodland owners assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	97,063	6,141	668,274	15,582	2,268	3,978	6,246
1965	99,074	6,165	716,950	17,442	2,730	4,109	6,839
1966	105,014	6,553	682,088	22,575	3,171	4,259	7,430
1967	107,654	6,232	517,368	22,005	3,157	5,021	8,178
1968	106,328	7,775	704,241	23,265	3,184	5,677	8,861
1969	109,835	7,184	855,336	31,429	3,130	6,356	9,486
1970	115,197	6,945	1,225,520	31,881	3,655	7,972	11,627
1971	127,828	7,937	860,950	27,398	4,363	9,080	13,443
1972	274,001	11,158	955,651	23,608	4,285	10,322	14,604
1973	106,422	6,472	1,578,664	37,709	4,133	12,394	16,512
1974	117,990	7,106	907,311	44,458	4,260	15,185	19,445
1975	140,940	10,369	663,740	27,517	4,663	17,771	22,434
1976	105,184	4,085	595,935	(³)	4,687	18,646	23,333
1977	133,619	4,614	921,171	(³)	5,529	(³)	(³)
1978	165,329	5,750	1,120,743	(³)	(³)	(³)	(³)

¹ Under the Cooperative Forest Management Act of August 25, 1950, and related legislation.² Fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 for 1977–78.³ Not available.

Forest Service.

Table 745.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1964–78¹

Year ending June 30 ²	Federal ³	State and county	Private owners	Total expenditures	Year ending June 30 ²	Federal ³	State and county	Private owners	Total expenditures
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	12,515	59,751	1,071	73,337	1972	20,000	104,732	818	125,550
1965	12,783	62,612	1,167	76,562	1973	20,025	116,013	847	136,885
1966	12,803	71,812	1,243	85,858	1974	20,079	130,286	(*)	150,365
1967	12,834	76,612	1,503	90,949	1975	25,182	143,866	(*)	169,048
1968	14,357	80,464	1,249	96,070	1976	22,642	167,125	(*)	189,767
1969	14,396	85,222	1,337	100,955	1977	20,659	196,304	(*)	216,963
1970	16,440	95,293	1,816	113,549	1978 ⁵ . . .	30,008	186,938	(*)	216,946
1971	16,505	106,782	1,387	124,674					

¹ Excludes emergency funds.² Fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 for 1977–78.³ Excludes administration and inspection costs.⁴ Included in "State and county."⁵ Preliminary.

Forest Service.

Table 746.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1964–78

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service administration ¹	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1964	7,063	139	182,078	90,480	1,670	446,420	17,001	2,333	32,003
1965	7,083	64	182,139	91,495	1,206	472,023	13,116	1,300	30,294
1966	8,365	303	182,273	98,157	1,908	469,328	12,772	1,401	46,748
1967	8,988	151	182,507	102,267	1,926	479,623	11,263	2,390	37,587
1968	7,118	158	182,616	107,689	1,633	486,461	7,655	1,394	28,539
1969	7,409	75	182,340	97,393	1,582	511,965	5,846	995	31,127
1970	11,386	446	182,571	101,455	1,541	520,501	5,313	1,019	45,751
1971	9,233	117	182,578	91,673	1,827	574,443	3,558	733	39,528
1972	11,184	95	182,774	83,010	1,050	631,162	25,607	359	59,581
1973	9,608	134	183,014	78,877	1,086	626,523	26,274	153	63,959
1974	10,625	138	183,045	105,835	1,511	708,129	24,993	168	63,835
1975	8,646	153	183,280	91,026	1,119	726,356	31,574	264	70,848
1976	11,006	108	183,381	157,035	2,119	737,228	68,864	2,472	101,192
1977	11,474	391	183,447	142,577	2,096	748,692	15,148	254	98,501
1978 ²	12,168	86	183,555	130,798	1,553	773,772	73,954	2,156	93,972

¹As of June 30.
Forest Service.²Preliminary.**Table 747.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1964–78**

Year ending June 30 ¹	Total timber cut ²		Value of miscellaneous forest products ⁴	Total value including free-use timber	Year ending June 30 ¹	Total timber cut ²		Value of miscellaneous forest products ⁴	Total value including free-use timber
	Volume	Value ³				Volume	Value ³		
	<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	12,954	151,075	529	151,880	1972 ..	11,700	381,957	546	382,946
1965	11,244	161,106	494	161,880	1973 ..	12,357	479,233	515	480,124
1966	12,138	195,590	572	196,427	1974 ..	10,958	508,615	519	509,916
1967	10,851	188,711	575	189,563	1975 ..	9,174	365,952	1,369	368,423
1968	12,129	239,311	622	240,226	1976 ..	9,575	492,029	1,224	⁵ 495,367
1969	11,783	326,997	665	327,944	(⁶) ..	(3,432)	(209,938)	(129)	(210,067)
1970	11,527	307,610	695	308,638	1977 ..	10,482	732,547	1,002	735,949
1971	10,341	257,020	623	258,404	1978 ..	10,080	854,682	1,174	858,474

¹Fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 for 1977–78. ²Commercial and cost sales and land exchange.³Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930.⁴Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc. ⁵Includes free-use timber for 15-month period ending Sept. 30, 1976. ⁶Transition quarter July 1, 1976–Sept. 30, 1976.

Forest Service.

Table 748.—Lumber: Production, United States, 1964–78

Year	Total	Softwoods	Hardwoods	Year	Total	Softwoods	Hardwoods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>		<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
1964	36,559	29,284	7,281	1972	37,745	30,975	6,770
1965	36,762	29,295	7,467	1973	38,595	31,586	7,009
1966	36,584	28,847	7,737	1974	34,608	27,704	6,904
1967	35,602	28,172	7,430	1975	32,619	26,749	5,872
1968	36,473	29,285	7,188	1976	36,295	29,878	6,417
1969	35,824	28,342	7,482	1977 ¹	37,757	31,160	6,597
1970	34,668	27,530	7,138	1978 ¹	37,985	30,583	7,402
1971	36,988	30,039	6,949				

¹Preliminary.
Forest Service.

Table 749.—Timber products: Production, imports, exports, and apparent domestic consumption, United States, 1964–78¹

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Domestic production	Imports	Exports	Apparent consumption	Domestic production	Imports	Exports	Apparent consumption	Domestic production	Imports ²	Exports ²	Apparent consumption
	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>
1964	5,635	815	150	6,300	960	90	5	1,045	2,865	1,120	395	3,585
1965	5,670	815	145	6,340	1,030	100	5	1,125	3,095	1,175	380	3,890
1966	5,645	810	160	6,295	1,030	115	5	1,140	3,190	1,290	420	4,060
1967	5,360	800	175	5,985	1,030	110	10	1,130	3,190	1,240	460	3,970
1968	5,630	960	180	6,405	1,120	165	10	1,275	3,385	1,260	525	4,120
1969	5,535	980	180	6,340	1,050	180	20	1,205	3,585	1,340	570	4,355
1970	5,355	955	200	6,110	1,070	170	15	1,225	3,835	1,280	720	4,395
1971	5,495	1,135	165	6,465	1,230	210	15	1,420	3,560	1,315	620	4,260
1972	5,605	1,405	215	6,795	1,360	265	25	1,600	3,485	1,365	625	4,225
1973	5,730	1,425	295	6,860	1,310	220	40	1,490	3,690	1,455	630	4,515
1974	5,145	1,085	265	5,965	1,140	150	45	1,240	4,125	1,450	795	4,780
1975	4,850	885	240	5,495	1,150	160	65	1,245	3,380	1,090	665	3,800
1976	5,390	1,230	275	6,345	1,305	195	60	1,440	3,635	1,300	695	4,240
1977 ⁴	5,610	1,600	255	6,960	1,380	195	30	1,545	3,465	1,365	705	4,130

Year	Industrial roundwood used for— Continued							Fuel-wood apparent consumption	Domestic production, all products	Apparent consumption, all products
	Miscellaneous products, apparent consumption ⁵	Logs		Total						
		Imports	Exports	Domestic production	Imports	Exports	Apparent consumption			
	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>	<i>Million cu. ft.³</i>
1964	540	10	170	10,170	2,035	720	11,485	985	11,155	12,470
1965	560	10	190	10,540	2,100	715	11,930	915	11,455	12,845
1966	565	15	220	10,645	2,226	800	12,075	845	11,490	12,920
1967	515	15	310	10,410	2,160	955	11,615	775	11,185	12,395
1968	485	15	405	11,025	2,395	1,120	12,305	700	11,725	13,005
1969	455	15	375	11,000	2,515	1,140	12,370	620	11,620	12,990
1970	425	25	430	11,120	2,425	1,370	12,180	540	11,660	12,715
1971	415	15	360	11,060	2,675	1,160	12,575	500	11,560	13,075
1972	405	5	495	11,345	3,045	1,360	13,030	475	11,820	13,505
1973	405	5	505	11,645	3,105	1,475	13,280	505	12,150	13,785
1974	395	15	415	11,215	2,695	1,520	12,395	535	11,750	12,930
1975	385	15	420	10,180	2,145	1,390	10,395	570	10,750	11,505
1976	380	15	510	11,220	2,740	1,540	12,420	600	11,820	13,020
1977 ⁴	370	25	485	11,315	3,185	1,475	13,025	630	11,945	13,655

¹ Data may not add to totals because of rounding.² Includes both pulpwood and the pulpwood equivalent of wood pulp, paper, and board.³ Roundwood equivalent.⁴ Preliminary.⁵ Includes coeprage logs, poles and piling, fenceposts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

Forest Service.

Table 750.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1964–78

Year	Douglas-fir ¹	Southern pine ²	Ponderosa pine ³	Western hemlock ⁴	All eastern hardwoods	Oak, white, red, and black ⁵	Maple ⁶
	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>
1964	38.10	27.80	19.00	13.30	22.50	18.00	30.60
1965	42.60	31.70	19.80	19.10	25.00	21.30	31.90
1966	50.00	38.60	19.80	20.50	29.30	23.20	40.90
1967	41.70	38.30	22.20	21.80	27.00	16.80	46.80
1968	61.20	42.20	30.20	35.60	23.60	17.30	31.30
1969	82.20	51.70	71.00	45.10	30.20	28.20	41.10
1970	41.90	44.10	32.10	20.50	26.90	26.60	34.40
1971	49.00	52.20	37.60	20.60	24.60	21.20	37.80
1972	71.70	65.60	65.80	49.00	34.30	26.60	59.40
1973	138.10	93.40	92.30	99.20	46.00	43.60	71.40
1974	202.40	76.20	100.60	110.80	45.90	54.70	79.50
1975	169.50	57.00	71.20	68.80	33.90	29.70	39.60
1976	176.20	87.00	101.80	79.70	34.90	43.40	36.60
1977	225.90	100.30	131.40	89.30	37.90	60.00	42.10
1978	250.30	134.50	164.70	113.60	41.10	59.20	57.40

¹Western Washington and western Oregon. ²Southern region. ³California region. Includes Jeffrey pine.⁴Pacific Northwest region. ⁵Eastern and Southern regions.

Forest Service. All U.S. Forest Service national forest prices in this table are bid prices (including KV payments) for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International ¼-inch log rule is used. Prices exclude timber sold by land exchanges and from land utilization project lands.

Table 751.—Timber products: Producer price indexes, selected products, United States, 1964–78
[1967=100]

Year	Lumber	Plywood ¹	Wood pulp	Paper	Paper-board	Year	Lumber	Plywood ¹	Wood pulp	Paper	Paper-board
1964	92.9	104.2	98.1	94.2	101.5	1972	159.4	158.6	111.5	116.3	105.5
1965	94.0	103.9	100.1	94.6	101.5	1973	205.2	201.8	128.3	121.4	115.1
1966	100.1	109.2	100.0	97.5	102.2	1974	207.1	227.3	217.8	148.6	152.2
1967	100.0	100.0	100.0	100.0	100.0	1975	192.5	238.3	283.4	172.9	170.3
1968	117.4	133.6	100.0	102.0	95.9	1976	233.0	263.1	286.0	182.3	176.0
1969	131.6	140.3	100.0	105.5	99.4	1977	276.5	295.2	281.1	194.3	176.2
1970	113.7	116.4	109.6	111.0	101.1	1978	322.4	349.0	266.5	206.1	179.6
1971	136.0	131.2	112.1	114.2	102.4						

¹Softwood plywood, interior panel ¼-inch, grade A-D. ²Preliminary.

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

Table 752.—Livestock on National Forest System lands: Number grazed, and grazing receipts, United States, 1964–78

Year	Number grazed ¹		Receipts from grazing ³	Year	Number grazed ¹		Receipts from grazing ²
	Cattle and horses ²	Sheep and goats			Cattle and horses ³	Sheep and goats	
	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>
1964	1,360	2,204	3,790	1972	1,633	2,049	5,515
1965	1,376	2,112	3,521	1973	1,571	1,598	6,196
1966	1,476	2,309	3,861	1974	1,580	1,470	7,796
1967	1,521	2,264	4,184	1975	1,626	1,549	7,665
1968	1,531	2,210	4,083	1976	1,690	1,750	10,909
1969	1,577	2,162	4,438	1977 ⁴	⁵ 1,587	1,473	11,443
1970	1,607	2,105	4,371	1978 ⁴	⁵ 1,557	1,284	11,037
1971	1,606	2,051	5,413				

¹Data for years 1964–72 are for livestock permitted to graze, 1973–76 are for authorized use, and 1977–78 are number actually grazed. ²Prior to 1973 data included swine. ³Fiscal years ending June 30 for 1964–76.⁴Fiscal year ending September 30. ⁵Includes burros.

Forest Service.

Table 753.—Livestock on National Forest System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1978, by States

State or other area	Number grazed		Receipts from grazing ¹	State or other area	Number grazed		Receipts from grazing ¹
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>Dollars</i>		<i>Number</i>	<i>Number</i>	<i>Dollars</i>
Ala	886	.....	1,014	N. Dak	80,086	975	.....
Alaska . . . . .	.....	.....	10	Ohio	2	.....	.....
Ariz	132,770	62,369	1,798,766	Okla	4,756	.....	986
Ark	9,188	.....	11,327	Oreg	113,736	32,145	623,272
Calif	101,606	74,979	2,593,933	S.C	161	.....	.....
Colo	204,451	249,003	1,121,393	S. Dak	75,701	7,901	141,033
Fla	2,233	.....	10,430	Tex	10,211	.....	6,342
Ga	544	.....	2,333	Utah	111,257	254,568	769,746
Idaho	143,885	282,614	939,873	Vt	44	.....	93
Ill	639	1,112	1,017	Va	890	160	1,511
Ind	60	.....	.....	Wash	49,203	5,548	148,807
Kans	5,833	.....	.....	W. Va	1,241	495	5,769
Ky . . . . .	.....	.....	2	Wis	51	.....	.....
La	6,282	6	9,072	Wyo	156,449	189,993	713,722
Mich	76	.....	.....	National forests	1,349,268	1,247,875	9,390,981
Minn	57	.....	.....	National grasslands and land utilization project lands	208,075	35,797	1,646,022
Miss	3,843	22	5,446				
Mo	4,942	.....	9,673				
Mont	143,825	43,235	818,052				
Nebr	20,690	510	160,386				
Nev	63,307	47,581	388,463				
N. Mex	106,318	30,456	1,108,510	Total	1,557,343	1,283,672	11,037,003
N.Y	2,071	.....	.....		
N.C	49	.....	.....		

¹ Receipts shown by States are for national forests only; breakdown for national grasslands and land utilization project lands is not available.

² Includes \$3,196 in receipts from Oregon and California Railroad Grant Lands.

Forest Service.

Table 754.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1964–78

Year ending June 30 ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ²	Year ending June 30 ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ²
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	127,962	3,790	5,763	137,514	1972	330,030	5,515	14,462	350,007
1965	138,772	3,521	6,946	149,239	1973	446,733	6,196	16,819	469,748
1966	164,940	3,861	6,816	175,616	1974	459,892	7,796	17,996	485,684
1967	172,791	4,184	7,541	184,517	1975	341,305	7,665	24,091	373,061
1968	205,627	4,083	8,613	218,323	1976	418,564	10,909	25,190	454,663
1969	306,815	4,438	10,001	321,254	(³)	(196,347)	(1,164)	(7,489)	(205,000)
1970	283,907	4,371	11,425	299,703	1977	652,050	11,443	28,076	691,569
1971	217,035	5,413	13,741	236,189	1978	723,330	11,037	30,989	765,356

¹ Fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 for 1977–78.

² Includes receipts from Oregon and California Railroad Grant Lands.

³ Transition quarter July 1, 1976–Sept. 30, 1976.

Forest Service.

Table 755.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years¹ 1977–79²

State or other area	1977	1978	1979	State or other area	1977	1978	1979
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala	554	686	624	N.H	162	239	251
Alaska	309	2,555	3,110	N. Mex	1,131	2,046	2,355
Ariz	2,479	4,889	5,037	N.C	188	258	315
Ark	1,472	2,992	3,055	Ohio	21	52	44
Calif	23,430	47,866	49,613	Okla	198	407	451
Colo	1,017	1,878	1,336	Oreg	47,376	89,775	101,553
Fla	873	1,079	1,027	Pa	351	352	474
Ga	311	537	826	S.C	1,164	992	1,897
Idaho	4,415	14,379	11,807	S. Dak	86	476	743
Ill	25	43	32	Tenn	108	224	170
Ind	39	33	56	Tex	1,230	1,325	1,344
Ky	110	222	116	Utah	447	630	885
La	1,624	2,525	2,759	Vt	34	131	55
Maine	11	17	17	Va	67	116	150
Mich	318	672	600	Wash	12,777	28,795	31,191
Minn	167	397	360	W. Va	115	106	129
Miss	2,091	4,193	4,572	Wis	208	475	350
Mo	1,321	2,113	1,907	Wyo	463	851	1,116
Mont	2,642	9,428	8,259	P.R	4	4	4
Nebr	40	46	45				
Nev	145	294	228	Total	109,523	224,098	238,863

¹ Fiscal years Oct. 1–Sept. 30.

² Payments under the acts of May 23, 1908 (as amended), July 24, 1956 and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year.

Forest Service.

Table 756.—National Forest System lands: Number of visitor-days,¹ by States, and Puerto Rico, for the year ending Sept. 30, 1978

State or other area	Developed sites	Dispersed type	Total	State or other area	Developed sites	Dispersed type	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>		<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
Ala	272	886	1,157	N. Mex	2,630	3,464	6,095
Alaska	735	2,798	3,533	N.Y	10	8	18
Ariz	5,007	6,805	11,812	N.C	1,132	3,041	4,173
Ark	748	2,090	2,838	N. Dak	15	114	129
Calif	21,969	32,670	54,638	Ohio	62	307	370
Colo	8,569	12,665	21,234	Okla	82	387	469
Fla	1,488	2,035	3,524	Oreg	7,494	9,576	17,070
Ga	425	1,419	1,844	Pa	618	1,292	1,910
Idaho	3,193	6,679	9,872	S.C	194	724	918
Ill	197	824	1,021	S. Dak	612	1,810	2,423
Ind	191	596	788	Tenn	887	1,164	2,051
Kans	6	25	31	Tex	364	1,480	1,843
Ky	522	1,907	2,429	Utah	4,285	7,495	11,780
La	251	361	612	Vt	415	187	602
Maine	94	39	133	Va	650	2,637	3,287
Mich	1,379	4,124	5,503	Wash	5,182	8,876	14,058
Minn	1,301	3,105	4,406	W. Va	464	1,181	1,645
Miss	248	790	1,038	Wis	541	1,425	1,966
Mo	375	1,076	1,451	Wyo	2,123	3,801	5,923
Mont	2,579	5,691	8,270	P.R	351	172	522
Nebr	61	107	169				
Nev	822	1,130	1,952	Total ²	79,631	138,864	218,494
N.H	1,091	1,901	2,992				

¹ Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.

² Data may not add because of rounding.

Forest Service.

Table 757.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States 1964–78

Year	Visitor-days ¹		Big game ²		Big game hunter harvest ⁴	
	Fishermen	Hunters	Deer	Others ³	Deer	Others ³
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964	19,358	10,817	3,965	593	571	92
1965	16,197	14,100	4,023	623	574	96
1966	14,709	13,119	3,800	618	516	87
1967	13,956	13,249	3,996	634	530	93
1968	14,521	14,043	3,839	596	535	90
1969	14,868	14,148	3,691	599	562	96
1970	15,239	14,308	3,609	601	493	99
1971	14,842	13,130	3,467	602	471	96
1972	15,457	13,740	3,292	608	396	84
1973	15,761	14,232	3,065	610	376	89
1974	16,403	14,423	2,992	636	376	101
1975	16,151	14,472	2,809	647	338	97
1976	16,098	14,059	2,698	652	312	105
1977	16,029	14,517	2,723	686	291	96
1978	16,559	14,946	2,778	682	359	106

¹Data for 1964 are user visits; beginning 1965, data are visitor-days. A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. 1978 data for fiscal year ending Sept. 30.

²Inventory as of Apr. 30.

³Includes antelope, elk, bears, lions, moose, mountain goats, bighorn sheep, peccaries, and wild boar; population data also include alligators, beginning 1973.

⁴For years ending June 30.

Forest Service.

Table 758.—Pulpwood consumption, wood pulp production, and paper and board production and consumption, United States, 1964–77

Year	Pulpwood consumption ¹	Wood pulp production	Paper and board		
			Production	Estimated total consumption or new supply ²	Per capita consumption
	<i>1,000 cords³</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1964	50,148	32,415	41,703	46,380	484
1965	51,970	33,993	44,091	49,111	506
1966	56,260	36,603	47,113	52,680	536
1967	55,932	36,660	46,899	51,940	523
1968	62,092	40,892	51,245	55,666	555
1969	65,892	42,813	54,058	58,796	580
1970	67,562	43,546	53,516	58,057	567
1971	67,157	43,903	55,086	59,672	576
1972	71,538	46,767	59,457	64,510	618
1973	73,596	48,327	61,304	66,881	636
1974	74,327	48,349	59,930	64,669	610
1975	65,421	43,084	52,521	55,955	524
1976	72,011	47,721	59,898	63,951	595
1977 ⁴	73,971	49,033	61,869	66,475	613

¹Includes changes in stocks.

²Production plus imports and minus exports; changes in inventories not taken into account.

³One cord equals 128 cubic feet.

⁴Preliminary.

Forest Service. Compiled from U.S. Department of Commerce publications.

FOOTNOTES FOR TABLE 761

¹Reports of the U.S. Department of Commerce.

²Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.

³Barrels of 50 gallons.

⁴Total supply less exports and Mar. 31 stocks.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 759.—Turpentine and rosin: Reported industrial consumption, United States, 1976-78

Year	Turpentine, crop year beginning April			Rosin, ¹ crop year beginning April		
	1976	1977	1978	1976	1977	1978
Chemicals and rubber	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Drums</i> ³	<i>Drums</i> ³	<i>Drums</i> ³
Ester gums and synthetic resins ...	476,160	464,150	496,840	445,870	376,040	362,100
Paint, varnish, and lacquer	(⁴)	(⁴)	(⁴)	283,060	241,940	233,130
Paper and paper size	740	1,020	650	22,260	22,260	19,440
Other industries	(⁴)	(⁴)	(⁴)	370,370	357,560	463,610
Total	3,690	8,110	7,780	81,220	75,750	89,540
	480,590	473,280	505,270	1,202,780	1,073,550	1,167,820

¹ Includes B-wood resin.² Barrels of 50 gallons.³ Drums of 520 pounds net weight for wood; 517 pounds for gum.⁴ Included in other industries to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 760.—Gum naval stores: Market prices and value, United States, 1964-78

Crop year beginning April	Average price per standard barrel received by producers for commercial crude gum delivered at central stills	Weighted average market price ¹		Market value of production		
		Turpentine, per gallon	Rosin, per 100 pounds net	Turpentine	Rosin	Turpentine and rosin
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	30.50	0.450	11.02	2,691	22,368	25,059
1965	30.20	.555	10.36	3,091	19,352	22,443
1966	29.80	.562	10.30	2,366	14,534	16,900
1967	31.00	.574	10.36	1,944	11,966	13,910
1968	31.24	.770	10.45	1,941	9,241	11,182
1969	36.57	1.138	11.80	1,991	7,244	9,235
1970	47.37	1.200	15.03	1,550	6,818	8,368
1971	51.14	1.200	16.93	1,702	6,210	7,912
1972	55.17	1.046	18.89	1,389	8,694	10,083
1973	60.97	.806	22.72	863	8,737	9,600
1974	84.36	1.389	35.92	1,084	10,106	11,190
1975	59.59	1.585	25.15	1,640	9,338	10,978
1976	59.46	1.427	24.46	1,278	7,971	9,249
1977	65.46	1.425	25.35	1,035	6,702	7,737
1978	67.82	1.610	27.54	784	4,925	5,709

¹ Computed from data compiled by the Market News Service in Raleigh, N.C.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 762

¹ Imports for consumption, as reported by the U.S. Department of Commerce.² Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.³ Drums of 520 pounds net weight for wood; 517 pounds for gum.⁴ Less than 500 drums.⁵ Reports of the U.S. Department of Commerce. Includes some modified rosin.⁶ Total supply less exports and Mar. 31 stocks.⁷ The difference between domestic disappearance and reported industrial consumption is due to unreported industrial consumption; failure of some consumers to distinguish in their reports between gum, wood, and modified or derived rosins; and the inclusion of modified rosins in exports.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 761.—Turpentine: Supply and distribution, United States, 1966–78

Crop year beginning April	Supply												
	Stocks, April 1			Production				Imports for consumption 1 2			Total supply		
	Gum	Wood	Total	Gum	Wood			Total	Gum	Wood	Total		
					Steam distilled	Sulfate	Total wood						
Crop year beginning April	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	
	28,810	114,280	143,090	84,210	154,540	426,750	581,290	665,500	17,800	130,820	695,570	828,390	
	21,610	118,670	140,280	67,740	140,470	419,730	560,200	627,940	20,790	110,140	678,870	788,010	
	16,260	89,140	105,400	50,410	128,600	473,160	601,760	652,170	22,730	89,400	690,900	780,300	
	11,010	75,740	86,750	34,990	102,880	479,500	582,380	617,370	23,080	69,050	688,120	727,170	
	13,360	68,470	81,830	25,830	94,620	455,350	549,970	575,800	24,130	63,320	618,440	681,760	
	12,930	89,120	102,050	28,360	85,390	454,900	540,290	568,650	22,680	69,960	699,410	693,360	
	11,530	90,350	101,880	26,550	75,380	464,120	539,500	566,050	43,280	60,360	699,850	673,330	
	14,290	94,830	109,060	21,410	68,860	440,370	509,230	530,640	33,640	69,270	694,080	670,710	
	10,960	89,770	100,760	16,610	62,260	409,160	471,420	487,030	29,740	56,330	561,190	617,520	
	5,860	65,860	70,740	17,420	385,480	426,900	442,590	447,590	15,700	84,710	423,260	579,970	
	9,560	104,040	113,560	17,420	59,720	405,100	464,820	482,240	16,270	42,670	569,450	612,100	
	7,360	120,440	127,790	14,530	50,860	411,730	462,510	477,140	7,940	29,420	569,450	612,870	
	4,760	86,110	90,870	9,740	47,590	450,410	498,000	507,740	7,100	21,030	584,680	606,710	
	Distribution												
	Crop year beginning April	Exports ¹			Stocks, March 31			Domestic disappearance ^{2 4}				Reported industrial consumption	
		Gum	Wood	Total	Gum	Wood	Total	Total	Gum	Wood	Total	Gum	Total
Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	Barrels ³	
22,140	14,310	36,450	21,610	118,670	140,280	87,070	562,590	11,980	545,290	557,270	557,270	557,270	
17,980	14,830	32,810	16,260	89,140	105,400	75,900	574,900	4,070	567,280	571,350	571,350	571,350	
7,370	33,410	40,780	11,010	75,740	86,750	71,020	581,750	3,830	597,670	601,500	601,500	601,500	
5,510	29,470	34,980	13,360	68,470	81,830	50,180	560,180	3,340	595,250	598,590	598,590	598,590	
6,130	33,520	39,650	12,930	89,120	102,050	44,280	495,900	3,130	533,100	536,230	536,230	536,230	
3,530	38,040	41,570	11,530	90,350	101,880	48,590	501,020	4,500	540,040	544,540	544,540	544,540	
830	88,390	89,220	14,220	94,830	109,060	65,310	446,630	2,450	465,080	467,500	467,500	467,500	
3,240	34,020	37,260	10,960	89,770	100,760	55,050	480,270	1,930	441,440	443,370	443,370	443,370	
2,090	104,040	106,130	9,560	65,860	70,740	73,700	385,480	2,240	437,700	439,730	439,730	439,730	
1,460	2,730	4,190	5,380	104,040	113,560	73,700	385,480	2,240	437,700	439,730	439,730	439,730	
2,060	18,290	20,350	7,350	120,440	127,790	33,260	430,780	1,530	478,760	480,590	480,590	480,590	
920	18,520	19,440	4,760	86,110	90,870	23,740	478,920	1,740	471,540	473,280	473,280	473,280	
600	14,710	15,310	3,270	71,330	74,600	17,160	498,640	1,530	503,740	506,270	506,270	506,270	

Crop year beginning April	Supply											
	Stocks, April 1				Production			Imports ^{1 2}			Total supply	
	Gum	Wood	Total	Gum	Wood			Total	Gum	Wood	Total	
					Steam distilled	Tall oil	Total wood					
1966	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³
1967	861	374	1,235	273	986	699	1,685	1,958	1	1,135	2,068	3,193
1968	835	309	1,144	223	965	680	1,645	1,968	1	1,059	3,013	3,013
1969	694	266	960	171	960	714	1,675	1,845	1	866	1,941	2,806
1970	495	236	731	119	830	793	1,623	1,741	1	614	1,859	2,473
1971	327	124	451	88	768	800	1,568	1,656	(*)	415	1,692	2,107
1972	147	114	261	92	734	805	1,539	1,631	6	245	1,653	1,898
1973	51	107	184	89	700	840	1,540	1,629	24	164	1,573	1,837
1974	15	112	127	74	658	852	1,509	1,584	106	195	1,622	1,817
1975	33	75	108	54	547	705	1,252	1,306	162	250	1,327	1,576
1976	97	186	283	72	358	658	1,016	1,048	21	190	1,202	1,392
1977	60	173	232	61	509	788	1,296	1,357	10	135	1,480	1,615
1978	36	145	181	51	474	776	1,250	1,301	3	114	1,399	1,513
1979	21	211	232	35	460	844	1,304	1,339	14	97	1,528	1,626

Crop year beginning April	Distribution											
	Exports ⁵			Stocks, March 31			Domestic disappearance ^{6 7}			Reported industrial consumption ⁷		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
1966	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³	1,000 drums ³
1967	104	554	658	835	309	1,143	196	1,196	1,392	176	1,421	1,597
1968	194	510	704	694	266	960	178	1,178	1,348	154	1,340	1,493
1969	193	451	644	495	236	731	172	1,254	1,431	172	1,430	1,602
1970	115	369	484	327	124	451	172	1,204	1,377	142	1,399	1,541
1971	123	446	569	147	114	261	145	1,132	1,277	121	1,341	1,462
1972	66	389	455	51	133	184	129	1,131	1,258	111	1,318	1,429
1973	71	395	466	15	113	127	127	1,165	1,244	76	1,306	1,382
1974	26	293	319	33	75	108	136	1,156	1,291	100	1,172	1,271
1975	18	251	268	97	186	283	135	890	1,026	111	993	1,103
1976	13	175	188	60	173	232	117	868	965	110	942	1,046
1977	15	265	280	36	211	247	85	1,069	1,154	56	1,	

CHAPTER XIII

CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities of food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income, table 657.

Table 763.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1964–79

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1964	187.9	189.1	1972	205.5	206.5
1965	190.5	191.6	1973	207.3	208.1
1966	192.6	193.4	1974	209.0	209.7
1967	194.4	195.3	1975	210.6	211.4
1968	196.4	197.1	1976	212.3	213.0
1969	198.3	199.1	1977	213.9	214.7
1970	200.5	201.7	1978	215.7	216.4
1971	203.1	204.3	1979	217.4	218.3

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on published and unpublished records of the U.S. Department of Commerce.

Table 764.—Food nutrients: Quantities available for consumption per capita per day, United States, 1964–78¹

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B ₆	Vitamin B ₁₂	Ascorbic acid
	Calories	Grams	Grams	Grams	Grams	Grams	Milli-grams	Milli-grams	Inter-national units	Milli-grams	Milli-grams	Milli-grams	Milli-grams	Micro-grams	Milli-grams
1964	3,180	97	147	373	0.96	1.54	17.0	341	7,700	1.87	2.32	22.2	2.03	9.3	96
1965	3,150	96	144	372	.96	1.52	16.7	339	7,700	1.81	2.30	21.9	2.02	9.1	97
1966	3,190	97	147	374	.96	1.53	16.7	341	7,800	1.81	2.31	22.3	2.10	9.4	99
1967	3,210	99	150	374	.95	1.54	17.3	343	7,900	1.91	2.36	22.9	2.13	9.6	104
1968	3,280	100	154	380	.95	1.56	17.6	347	8,200	1.92	2.38	23.3	2.16	9.7	107
1969	3,280	100	153	381	.95	1.55	17.8	345	8,100	1.92	2.36	23.3	2.18	9.8	107
1970	3,300	100	156	380	.94	1.55	18.0	342	8,200	1.92	2.37	23.6	2.22	9.9	110
1971	3,320	101	158	381	.94	1.56	18.1	343	8,200	1.96	2.39	23.7	2.23	9.9	111
1972	3,330	101	159	381	.93	1.55	18.1	344	8,100	1.93	2.36	23.7	2.24	9.8	111
1973	3,300	99	155	385	.93	1.53	18.1	345	8,100	1.90	2.32	23.2	2.18	9.4	113
1974	3,280	99	156	376	.92	1.53	18.2	341	8,200	1.97	2.36	23.8	2.21	9.7	113
1975	3,250	98	152	377	.92	1.53	18.2	341	8,100	2.03	2.44	24.8	2.21	9.6	118
1976	3,350	104	160	391	.95	1.59	18.8	355	8,100	2.09	2.52	26.2	2.29	9.8	116
1977	3,370	103	158	391	.94	1.58	18.6	348	7,900	2.08	2.49	25.9	2.31	9.9	116
1978 ²	3,380	103	159	392	.95	1.58	18.6	351	8,000	2.09	2.50	25.8	2.34	9.8	119

¹Quantities of nutrients computed by Science and Education Administration, Consumer and Food Economics Institute, on the basis of estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economics, Statistics, and Cooperatives Service. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Civilian consumption. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: vitamin A value to margarine, milk of all types, milk

extenders; vitamin B₆ to cereals, meal replacements, infant formulas; vitamin B₁₂ to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, milk extenders and cereals. Quantities of added nutrients for 1964–66 were estimated in part by Consumer and Food Economics Institute.

²Preliminary.

Science and Education Administration.

Table 765.—Food nutrients: Percentage of total contributed by major food groups, 1967 and 1978¹

Food group and period	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B ₆	Vitamin B ₁₂	Ascorbic acid
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
1967															
Meat (including pork fat cuts), poultry, and fish	20.0	40.4	34.9	0.1	3.7	26.5	30.2	13.0	22.7	28.6	24.0	46.4	45.9	68.9	1.3
Eggs	2.3	5.9	3.4	1.1	2.6	6.0	6.0	1.4	6.7	2.6	5.7	2	2.3	9.4	0
Dairy products, excluding butter	11.9	22.7	13.5	7.3	76.0	36.4	2.2	22.4	12.3	9.7	41.9	1.7	10.6	20.9	4.8
Fats and oils, including butter	17.0	2.2	40.9	(²)	4	2	0	2.4	8.3	0	0	0	0	0	0
Citrus fruits	3	1	1.8	1	9	2	0	8	1.3	2.5	5	8	1.2	0	26.0
Other fruits	2.3	4.6	2	5.9	1.2	1.1	3.6	3.9	6.1	1.9	1.5	1.8	5.9	0	10.7
Potatoes and sweetpotatoes	2.8	2.3	(²)	5.3	1.0	3.5	1.6	7.0	5.8	5.0	1.5	6.6	9.8	0	16.2
Dark green and deep yellow vegetables	2.2	3.4	4	4.6	1.4	4.6	0	2.0	90.0	6	1.0	6	1.7	0	8.6
Other vegetables, including tomatoes	2.5	3.3	4	4.7	4.5	4.7	8.1	10.2	(²)	6.7	4.4	6.0	9.5	0	30.9
Dry beans and peas, nuts, soya flour, and grits	3.0	5.0	3.7	2.2	2.6	5.7	5.5	11.0	(²)	5.4	1.7	6.6	4.3	0	(²)
Flour and cereal products	20.2	18.4	1.4	36.6	3.4	12.5	28.0	18.1	(²)	36.7	16.9	23.9	8.8	0	(²)
Sugar and other sweeteners	16.2	0	0	36.0	1.0	2	5.3	2	0	(²)	1	1	1	0	(²)
Miscellaneous ³	8	4	1.4	.7	1.0	1.9	2.7	8.4	1.2	1	.7	5.4	.1	0	1.5
Total ⁴	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978⁵															
Meat (including pork fat cuts), poultry, and fish	19.8	42.3	33.6	0.1	3.9	28.3	30.6	14.2	22.8	26.0	24.4	45.1	47.4	70.6	1.1
Eggs	1.8	4.8	2.8	.1	2.2	5.0	4.7	1.2	5.7	2.0	4.6	.1	1.8	7.8	0
Dairy products, excluding butter	11.2	22.1	12.5	6.7	74.6	35.0	2.5	21.7	13.3	8.7	39.3	1.4	10.5	20.1	3.8
Fats and oils, including butter	18.1	2	43.4	(²)	4	2	0	4	8.5	0	0	0	(²)	0	0
Citrus fruits	1.0	.5	.1	2.0	1.0	.8	.8	2.3	1.6	2.7	.5	.8	1.2	0	27.4
Other fruits	2.2	2.6	.3	4.7	1.2	1.1	3.4	4.0	5.8	1.8	1.5	1.6	5.8	0	12.1
Potatoes and sweetpotatoes	3.1	2.5	.1	5.8	1.1	3.8	4.6	7.6	5.2	5.3	1.5	6.7	9.4	0	16.8
Dark green and deep yellow vegetables	2	2.4	(²)	.4	1.4	.6	1.5	1.9	18.8	.8	.9	.5	1.6	0	8.7
Other vegetables, including tomatoes	2.5	3.2	.4	4.7	4.9	4.9	8.8	10.4	15.5	6.3	4.3	5.5	9.0	0	27.5
Dry beans and peas, nuts, soya flour, and grits	3.4	4.5	4.5	2.2	3.0	6.6	6.6	12.8	(²)	5.6	1.9	8.2	4.6	0	(²)
Flour and cereal products	18.7	17.1	1.3	34.0	3.3	11.9	27.5	17.5	.4	40.8	20.5	26.9	8.6	1.5	0
Sugar and other sweeteners	17.4	(²)	0	38.9	2.4	.5	7.0	2.2	0	(²)	(²)	(²)	(²)	0	(²)
Miscellaneous ³	.6	.3	1.1	.5	.7	1.4	1.9	5.9	2.3	.1	.5	3.0	.1	0	3.5
Total ⁴	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Percentages for food groups are based on nutrient data included in totals in table 764.² Less than 0.05 percent.³ Coffee and chocolate liquor equivalent of cocoa beans and fortification of products not assigned to a specific food group.⁴ Components may not add to total due to rounding.⁵ Preliminary.

Science and Education Administration.

Table 766.—Food consumption: Index of per capita consumption, by major food groups, United States, 1964-78¹
[1967=100]

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat ²	Poultry	Fish	Total			Excluding butter	Including butter		
								Animal	Vegetable	Total
1964	98.3	85.6	98.7	96.3	99.3	104.0	94.3	112.6	91.1	100.0
1965	93.9	90.6	101.7	93.9	97.8	103.4	95.4	108.7	92.3	99.3
1966	96.1	96.0	102.6	96.4	97.5	101.9	100.0	98.1	102.0	100.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.4	98.6	103.5	102.0	98.5	101.1	103.8	102.9	103.8	103.4
1969	101.9	103.3	104.9	102.3	96.6	100.2	106.0	92.6	113.5	104.6
1970	104.0	107.0	110.6	104.7	97.0	98.9	108.3	87.7	119.3	105.9
1971	107.0	107.8	107.8	107.1	98.0	99.3	106.6	88.6	115.6	104.1
1972	105.2	112.8	117.4	106.8	96.1	100.0	111.8	80.8	127.6	107.7
1973	97.7	108.7	121.2	100.4	91.6	99.7	112.4	73.0	133.6	107.9
1974	104.6	110.6	114.6	105.8	89.9	98.0	110.0	72.4	128.9	104.9
1975	101.2	108.1	113.7	102.7	87.0	98.8	109.9	65.2	135.3	105.5
1976	107.9	116.0	120.8	109.6	85.5	100.1	116.4	60.3	146.4	109.8
1977	107.0	119.4	119.4	109.2	84.8	99.6	112.4	61.0	136.2	104.2
1978 ³	103.0	125.9	124.5	107.0	86.5	100.1	118.5	63.3	143.6	109.5

Year	Fruits			Melons ⁴	Vegetables				
	Fresh	Processed	Total		Fresh ⁴	Processed		Total ⁴	
						Canned	Frozen		Total
1964	100.8	88.2	95.0	101.1	100.5	92.2	84.7	90.4	96.9
1965	101.8	93.0	97.9	101.9	100.2	94.6	89.7	93.5	97.8
1966	102.5	94.2	98.8	95.9	98.7	95.8	97.1	96.0	97.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	99.1	97.4	98.4	103.2	102.2	102.6	106.4	103.4	102.6
1969	99.8	103.7	101.5	104.1	98.3	105.1	100.5	104.1	101.4
1970	102.0	104.3	103.0	105.2	100.6	103.9	105.0	104.1	101.9
1971	100.6	103.9	102.0	101.8	100.5	104.0	105.4	104.2	101.8
1972	94.3	102.3	97.8	101.1	100.2	106.0	109.0	106.6	102.5
1973	94.2	106.5	99.6	97.7	101.8	110.0	116.7	111.4	105.3
1974	97.0	102.1	99.2	91.7	101.7	108.9	111.4	109.4	104.5
1975	105.6	107.9	106.6	88.0	102.2	107.9	106.9	107.7	104.2
1976	108.2	108.6	108.4	91.2	103.8	111.1	111.7	111.2	106.5
1977	108.0	106.2	107.2	95.8	103.3	109.7	112.3	110.3	105.8
1978 ³	109.4	101.8	106.1	103.2	104.6	104.6	113.2	106.4	105.2

Year	Potatoes and sweet-potatoes ⁴	Beans, peas, nuts, soya products ⁴	Flour and cereal products ⁵	Sugars and other sweeteners ⁶	Coffee, tea, cocoa	All foods		
						Animal products	Crop products ⁷	Total
1964	88.7	98.1	100.6	99.1	101.4	98.8	97.3	98.1
1965	91.7	99.7	100.9	99.1	99.3	97.1	98.2	97.6
1966	105.3	96.6	99.9	100.3	99.5	98.0	99.6	98.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.9	101.5	100.2	103.1	100.5	101.5	101.6	101.6
1969	108.2	99.5	100.6	104.0	96.1	100.9	102.5	101.6
1970	110.3	98.0	97.7	106.0	93.9	102.0	102.9	102.4
1971	110.2	99.2	98.3	106.8	93.2	103.7	102.7	103.2
1972	110.6	103.5	97.3	109.1	99.3	103.3	103.8	103.5
1973	110.1	105.3	97.2	110.6	97.7	98.6	105.2	101.7
1974	109.2	101.8	95.4	108.7	92.1	101.4	103.3	102.3
1975	114.0	106.6	96.0	105.8	89.7	99.1	104.2	101.5
1976	109.5	104.7	104.0	112.8	91.6	103.5	108.4	105.8
1977	112.1	101.6	100.8	115.3	76.5	103.0	106.3	104.6
1978 ³	118.3	103.2	100.9	113.7	79.1	102.2	106.9	104.5

¹Civilian consumption only. Quantities of individual foods, measured in pounds equivalent to the form sold at retail food stores are combined into indexes using average retail prices in 1967-69. ²Includes edible offal. ³Preliminary. ⁴Data for melons, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption from home garden produce. ⁵Corn sugar and sirups are included with sugars and other sweeteners. ⁶Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk. ⁷Excludes spices and herbs.

Table 767.—All foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1964–78¹

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat ²	Poultry	Fish ³	Total			Excluding butter	Including butter		
								Animal	Vegetable	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1964	155.8	39.0	13.8	208.6	40.4	374	43.9	18.7	32.1	50.8
1965	148.4	41.3	14.2	203.9	39.8	373	44.5	18.3	32.6	50.9
1966	151.6	43.8	14.4	209.8	39.7	371	47.2	16.8	36.1	52.9
1967	158.5	45.5	14.2	218.2	40.7	362	47.0	17.1	35.4	52.5
1968	162.3	45.0	14.8	222.1	40.1	364	48.7	17.8	36.6	54.4
1969	161.5	47.1	15.1	223.7	39.3	360	49.8	15.9	39.2	55.1
1970	164.8	48.9	15.8	229.5	39.5	356	50.9	15.1	41.0	56.1
1971	170.4	49.2	15.6	235.2	39.9	356	50.2	15.3	40.0	55.3
1972	166.7	51.4	16.6	234.7	39.1	358	52.6	13.9	43.6	57.5
1973	154.9	49.6	17.2	221.7	37.3	354	52.8	12.4	45.1	57.5
1974	165.7	50.4	16.4	232.5	36.6	347	51.8	12.6	43.8	56.4
1975	158.4	49.3	16.4	224.1	35.4	350	51.8	11.1	45.5	56.6
1976	168.6	52.9	17.3	238.8	34.8	353	55.0	10.2	49.2	59.4
1977	167.8	54.5	17.1	239.4	34.6	351	53.1	10.4	47.1	57.5
1978 ⁴	162.6	57.5	17.7	237.8	35.2	350	54.4	10.9	48.0	58.9

Year	Fruits			Melons ⁵	Vegetables				
	Fresh	Processed	Total		Fresh ⁵	Processed			Total ⁵
						Canned	Frozen	Total	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1964	77.5	46.5	124.0	24.8	141.0	45.8	7.6	53.4	194.4
1965	79.4	48.1	127.5	25.4	140.8	46.9	8.1	55.0	195.8
1966	80.0	49.3	129.3	24.0	138.4	47.3	8.8	56.1	194.5
1967	79.8	52.0	131.8	24.3	140.8	49.0	9.1	58.1	198.9
1968	76.9	50.9	127.8	24.9	143.6	50.5	9.7	60.2	203.8
1969	77.7	55.8	133.5	24.6	140.5	51.6	9.1	60.7	201.2
1970	79.9	55.6	135.5	25.2	143.6	51.1	9.6	60.7	204.3
1971	78.8	55.7	134.5	24.5	141.0	51.2	9.7	60.9	201.9
1972	75.3	54.9	130.2	23.9	141.6	52.2	9.9	62.1	203.7
1973	74.3	56.5	130.8	23.8	143.0	54.3	10.6	64.9	207.9
1974	76.5	53.4	129.9	21.1	145.0	53.3	10.1	63.4	208.4
1975	81.3	57.1	138.4	21.3	144.1	52.4	9.6	62.0	206.1
1976	82.1	56.7	138.8	22.6	144.2	53.6	10.2	63.8	208.0
1977	80.3	56.6	136.9	23.3	143.1	53.9	10.3	64.2	207.3
1978 ⁴	81.0	56.4	137.4	24.3	142.4	51.6	10.9	62.5	204.9

Year	Potatoes and sweet-potatoes ^{5,6}	Beans, peas, nuts, soya products ^{5,7}	Flour and cereal products ⁸	Sugars and other sweeteners ⁹	Coffee, tea, cocoa	All foods		
						Animal products	Crop products ¹⁰	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1964	91.7	17.0	144	111.7	15.4	635	774	1,409
1965	86.5	16.4	144	111.9	15.1	629	774	1,403
1966	92.3	15.8	143	112.6	15.1	632	782	1,414
1967	82.4	16.5	144	113.6	15.2	632	781	1,413
1968	87.5	16.4	144	115.1	15.3	638	790	1,428
1969	85.0	16.6	145	117.5	14.5	634	796	1,430
1970	83.3	15.7	141	119.0	14.2	635	797	1,432
1971	82.2	15.8	142	120.0	13.9	641	793	1,430
1972	82.9	16.5	140	122.7	14.8	641	796	1,437
1973	78.9	17.8	140	124.7	14.3	620	802	1,423
1974	75.8	17.6	138	123.2	13.3	619	789	1,408
1975	82.7	17.8	139	120.5	12.4	616	802	1,418
1976	79.3	17.4	142	128.5	13.2	633	817	1,450
1977	83.0	17.0	140	131.5	10.3	631	814	1,445
1978 ⁴	83.7	17.3	141	129.0	11.3	630	815	1,445

See footnotes on page 556.

Table 768.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States and for families by region, for one week, January 1979¹

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
FAMILIES	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
United States:				
Family of 2: ²				
20-54 years	27.10	35.50	44.60	53.50
55 years and over	24.20	31.60	39.30	46.90
Family of 4:				
Children, 1-2 and 3-5 years	38.10	49.60	61.80	74.10
Children, 6-8 and 9-11 years	45.80	59.70	74.90	89.80
INDIVIDUALS³				
United States:				
Child:				
7 months to 1 year	5.40	6.60	8.10	9.60
1-2 years	6.10	7.90	9.70	11.50
3-5 years	7.40	9.40	11.60	14.00
6-8 years	9.40	12.20	15.30	18.30
9-11 years	11.80	15.20	19.10	22.90
Male:				
12-14 years	12.60	16.20	20.30	24.30
15-19 years	13.90	18.00	22.50	27.00
20-54 years	13.50	17.80	22.50	27.10
55 years and over	12.00	15.70	19.60	23.50
Female:				
12-19 years	11.30	14.50	18.00	21.50
20-54 years	11.10	14.50	18.00	21.50
55 years and over	10.00	13.00	16.10	19.10
Pregnant	13.90	17.80	22.00	26.10
Nursing	14.70	18.90	23.60	28.00
FAMILIES				
Northeast:				
Family of 2: ²				
20-54 years	37.20	47.70	57.50	
55 years and over	32.90	41.80	50.40	
Family of 4:				
Children, 1-2 and 3-5 years	51.80	66.10	79.70	
Children, 6-8 and 9-11 years	62.40	80.10	96.60	
North Central:				
Family of 2: ²				
20-54 years	36.50	45.10	54.70	
55 years and over	32.40	39.70	48.10	
Family of 4:				
Children, 1-2 and 3-5 years	51.20	62.90	76.10	
Children, 6-8 and 9-11 years	61.70	76.30	92.50	
South:				
Family of 2: ²				
20-54 years	35.00	43.60	52.00	
55 years and over	30.90	38.20	45.30	
Family of 4:				
Children, 1-2 and 3-5 years	48.70	60.40	78.00	
Children, 6-8 and 9-11 years	58.80	73.20	87.40	
West:				
Family of 2: ²				
20-54 years	35.60	45.00	54.20	
55 years and over	31.80	39.50	47.50	
Family of 4:				
Children, 1-2 and 3-5 years	49.70	62.30	75.40	
Children, 6-8 and 9-11 years	60.10	75.70	91.60	

¹ Estimated from quantities in the thrifty food plan shown in *Agricultural Statistics, 1976*, table 763 and in the other three food plans shown in *Agricultural Statistics, 1975*, table 764. The costs of the food plans were first estimated by using the average price per pound of each food group paid by urban survey families at four selected food cost levels in 1965-66. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics.

² Ten percent added for family size adjustment. (See footnote 3.)

³ The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person—add 20 percent; 2-person—add 10 percent; 3-person—add 5 percent; 5-or 6-person—subtract 5 percent; 7-or-more-person—subtract 10 percent.

Science and Education Administration.

Table 769.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1964–78

Year ending June 30 ¹	School feeding					Special milk		Institutions and needy persons (food distributed) ⁵	
	Cash payments			Food distributed ⁵		Quantity	Cash pay- ments ⁶		
	Lunch ²	Break- fast ³	Nonfood assist- ance ⁴	Quantity	Cost				
								Quantity	Cost
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 1/2 pints	1,000 dollars	1,000 pounds	1,000 dollars
1964	120,810			785,081	194,930	2,929,030	99,250	1,322,308	234,611
1965	130,435			972,656	272,408	2,966,766	97,417	1,312,816	256,701
1966	141,090			788,037	174,856	3,059,125	96,523	1,000,074	151,029
1967	149,685	566	710	833,380	188,358	3,027,203	99,170	848,572	116,209
1968	159,754	1,985	741	1,026,555	275,977	3,035,687	101,752	871,326	147,263
1969	203,796	5,402	10,396	1,041,995	272,089	2,944,423	101,281	1,200,266	250,353
1970	300,258	10,786	16,705	1,073,205	265,839	2,901,931	101,164	1,330,381	311,876
1971	532,191	19,383	36,404	1,108,657	279,184	2,569,975	91,082	1,465,652	345,704
1972	738,764	24,934	16,646	1,185,657	314,763	2,498,215	90,286	1,363,031	337,537
1973	879,928	34,411	15,284	980,080	331,013	2,533,810	90,534	1,109,563	282,085
1974	1,082,731	58,897	27,191	960,862	319,218	1,425,923	49,158	708,103	229,288
1975	1,288,182	86,090	25,430	763,956	842,451	2,152,775	123,726	201,275	75,996
1976	1,493,608	113,169	26,078	853,252	942,590	2,305,143	144,080	101,121	105,518
(11)	(192,642)	(16,963)	(6,429)	(143,610)	125,435	(313,429)	(20,592)	(30,628)	(12,189)
1977 ^{1 14}	1,673,777	146,094	26,616	1,101,384	155,684	2,247,415	153,545	150,338	101,611
1977 ^{1 14}	1,673,962	147,799	26,602	1,101,384	161,725	2,247,415	153,345	150,338	101,620
1978 ^{1 14}	1,825,035	177,717	25,953	1,105,134	171,720	1,985,545	141,903	156,076	101,641

¹ Data for fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept 30 beginning 1977.

² A subsidy program for local purchase of food on basis of the quality and quantity of meals served. The program was started in February 1943.

³ A subsidy program to schools started in January 1967.

⁴ A subsidy program which aids in the purchase of school lunch equipment. The program started in fiscal year 1967.

⁵ Distribution, without charge to recipients, of food commodities acquired by the Government. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school lunch programs, eleemosynary institutions, and households receiving public assistance from State or Local agencies or other needy persons.

⁶ A subsidy program to expand consumption of milk by children.

⁷ Includes \$70,809,000 cash in lieu of commodities.

⁸ Includes \$5,175,000 cash in lieu of commodities.

⁹ Includes \$49,562,000 cash in lieu of commodities.

¹⁰ Includes Nutrition Program for the Elderly.

¹¹ Transition quarter July 1, 1976 to Sept. 30, 1976.

¹² Includes \$2,533,000 cash in lieu of commodities.

¹³ Includes \$48,688 cash in lieu of commodities to the Nutrition Program for the Elderly.

¹⁴ Preliminary.

¹⁵ Includes \$53,802,000 cash in lieu of commodities.

¹⁶ Includes \$405,823 cash in lieu of commodities to the Nutrition Program for the Elderly.

¹⁷ Includes \$117,550,000 cash in lieu of commodities.

¹⁸ Includes \$22,008,000 cash in lieu of commodities to the Nutrition Program for the Elderly.

Food and Nutrition Service.

FOOTNOTES FOR TABLE 767

¹ Civilian consumption only. Quantity data used in computing the per capita food consumption index, table 766. Final consumer products that are derived from a combination of primary food groups, such as bakery products, are measured and reported in their primary ingredients, such as flour, shortening, and eggs.

² Includes game and edible offal.

³ Includes 4.3 pounds per capita of game fish in 1975–78 and smaller amounts in previous years.

⁴ Preliminary.

⁵ Data for melons, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption of home garden produce.

⁶ Data have been revised to reflect conversion from fresh weight equivalent to processed weight for dehydrated potatoes, potato chips, and shoe strings.

⁷ Soy products approximated at 1.3 pounds in 1972, 2.1 pounds 1973–74, and 2.0 pounds for 1975–78.

⁸ Corn sugar and sirups are with sugars and other sweeteners.

⁹ Includes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskinned sweetened condensed milk.

¹⁰ Includes fruits and vegetables in soups and baby foods.

Economics, Statistics, and Cooperatives Service—Economics.

Table 770.—Food and Nutrition Service programs: Quantity and cost for commodity distribution programs, by food groups, fiscal year 1978

Program and food	School Lunch Program		Institutions and needy persons		Total ³	
	Quantity	Cost ¹	Quantity	Cost ²	Quantity	Cost
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
Dried and dehydrated vegetables	12,935	4,355	3,612	1,000	16,547	5,355
Beef products	126,890	120,890	10,266	8,893	137,156	129,783
Dairy products	164,182	152,231	48,185	25,735	212,367	177,966
Meat, chopped (canned)	54	70	40	35	94	105
Fats and oils	98,700	47,204	10,200	4,389	108,900	51,593
Canned and processed fruits and juices . .	160,850	56,931	20,159	2,711	181,009	59,642
Canned vegetables and juices	140,283	29,828	8,003	3,218	148,286	33,046
Poultry products	45,600	41,303	9,283	7,474	54,883	48,777
Pork products	95	184	.....	.....	95	184
Corn products	40,843	9,999	5,894	977	46,757	10,976
Oats, rolled	2,900	290	26	10	2,926	300
Rice products	25,182	4,994	8,276	1,284	33,458	6,278
Wheat products	238,106	22,283	25,143	3,809	263,249	26,092
Miscellaneous	48,514	38,679	6,875	5,106	55,389	43,785
Total	1,105,134	529,241	156,076	64,641	1,261,210	593,882

¹ Excludes \$117,550,000 cash in lieu of commodities.² Excludes \$22,008,000 cash in lieu of commodities.³ Preliminary.

Food and Nutrition Service.

Table 771.—Food Stamp Program: Participation and value of coupons issued, 1964–78

Year ending June 30 ¹	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Federal subsidy
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	43	366,816	73,485	44,841	28,644
1965	110	424,652	85,472	52,967	32,505
1966	324	864,344	174,232	109,419	64,813
1967	838	1,447,097	296,106	190,556	105,550
1968	1,027	2,209,964	451,801	278,659	173,142
1969	1,489	2,878,113	603,351	374,532	228,819
1970	1,747	4,340,030	1,089,961	540,297	549,664
1971	2,027	9,367,908	2,713,273	1,190,524	1,522,749
1972	2,126	11,109,074	3,308,648	1,511,362	1,797,286
1973	2,228	12,165,682	3,883,952	1,752,547	2,131,405
1974	2,818	12,861,526	4,727,451	2,009,155	2,718,296
1975	3,035	17,064,196	7,265,642	2,880,141	4,385,501
1976	3,035	18,548,715	8,700,209	3,373,704	5,326,505
(2)	(3,035)	(17,257,140)	(2,087,116)	(819,067)	(1,268,049)
1977 ^{1,3}	3,035	17,057,598	8,339,805	3,282,081	5,057,724
1978 ^{1,3}	3,037	16,043,861	8,310,918	3,145,710	5,165,209

¹ Data for fiscal years July 1–June 30 for 1963–76; Oct. 1–Sept. 30 beginning 1977.² Transition quarter July 1, 1976 to Sept. 30, 1976.³ Preliminary.

Food and Nutrition Service.

Table 772.—Food and Nutrition Service programs: Cash payments under Special Milk, National School Lunch, Breakfast, Nonfood Assistance, and Food Stamp Programs and value of food distributed, by States and Territories, fiscal year 1978

State or Territory	Child feeding programs						Commodity distribution ²	Food Stamp Program ¹	Total
	Child Care Food	Summer Feeding	Special Milk	National School Lunch ¹	Breakfast ¹	Nonfood Assistance ¹			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala	5,024	3,434	2,721	49,889	4,786	431	11,797	103,629	181,711
Alaska	261	18	115	1,297	100	77	1,010	6,013	8,891
Ariz	1,269	680	504	16,610	2,053	282	5,472	38,383	65,253
Ark	1,569	168	1,113	23,309	2,422	245	8,273	63,904	101,003
Calif	9,635	12,124	12,396	199,716	25,441	2,291	34,344	356,484	652,431
Colo	1,838	554	1,358	13,019	904	232	7,724	44,840	70,469
Conn	949	880	2,920	16,167	298	495	6,088	40,353	68,150
Del	682	403	402	3,725	346	77	1,828	9,023	16,486
D.C	685	279	128	8,669	1,701	51	2,368	26,625	40,506
Fla	6,333	4,409	1,952	68,880	8,613	781	22,114	255,902	368,984
Ga	4,781	2,947	3,372	64,230	7,528	698	18,326	137,587	239,468
Hawaii	616	243	188	5,504	975	109	2,969	34,095	44,699
Idaho	137	77	143	3,262	85	97	3,215	10,004	17,020
Ill	5,199	4,039	8,940	113,740	6,328	1,100	21,040	284,641	445,027
Ind	2,383	1,757	3,529	19,817	1,638	553	13,452	56,226	99,355
Iowa	1,023	113	1,986	10,695	658	367	10,541	28,839	54,222
Kans	1,038	156	1,553	10,284	489	279	14,784	28,583	44,277
Ky	1,694	717	3,329	33,808	6,114	455	12,104	125,908	184,129
La	2,430	2,326	752	55,387	6,565	568	17,308	130,851	216,187
Maine	459	231	1,131	8,604	642	241	3,869	33,100	48,277
Md	1,494	1,416	2,889	23,822	2,133	323	11,033	85,075	128,185
Mass	3,153	2,188	5,110	34,803	4,639	838	17,313	155,410	223,454
Mich	4,003	741	8,656	41,922	2,342	1,541	22,159	125,155	206,519
Minn	1,154	452	3,447	16,567	886	128	11,766	39,236	73,636
Miss	6,834	3,838	1,434	43,532	2,456	411	7,862	104,851	171,218
Mo	2,541	841	2,783	28,787	2,513	463	13,740	64,213	115,881
Mont	412	53	363	3,938	375	90	5,972	8,497	19,700
Nebr	563	149	882	5,778	265	177	4,429	10,452	22,695
Nev	275	156	71	2,887	610	40	2,517	6,242	12,798
N.H	444	144	1,089	4,258	223	104	1,632	11,928	19,822
N.J	4,689	8,337	5,769	45,383	3,241	1,741	12,672	154,889	236,721
N. Mex	1,396	358	364	15,513	1,185	133	8,583	37,512	65,044
N.Y	17,707	22,346	15,043	188,284	14,619	2,845	41,819	411,817	714,480
N.C	4,103	3,739	5,249	70,002	9,593	728	20,595	126,228	240,237
N. Dak	219	121	399	2,870	149	71	3,450	4,557	11,836
Ohio	3,699	1,747	9,075	55,663	7,620	954	25,663	244,639	349,060
Okla	1,984	739	1,142	20,304	2,052	275	7,778	36,140	70,414
Oreg	1,356	226	1,207	10,101	615	267	6,741	44,162	64,675
Pa	7,328	8,694	4,597	60,644	4,009	1,310	26,059	228,220	338,724
R.I	680	493	884	6,114	452	93	1,873	26,797	37,386
S.C	2,805	3,021	799	42,401	4,763	367	12,094	85,129	151,379
S. Dak	380	168	403	4,507	460	86	4,321	7,174	17,505
Tenn	3,297	1,251	3,743	41,448	3,611	446	14,527	141,797	210,120
Tex	7,775	4,356	5,925	154,489	14,669	1,234	36,100	254,408	478,956
Utah	272	131	263	5,499	404	162	5,237	8,587	20,555
Vt	253	44	624	3,162	74	66	1,345	10,295	15,863
Va	1,878	1,106	2,781	40,042	2,801	160	18,913	66,552	134,233
Wash	2,646	533	1,892	15,962	1,609	313	7,768	56,987	87,710
W. Va	577	351	778	17,150	2,506	241	5,752	83,018	110,373
Wis	1,525	454	5,355	16,356	621	445	10,579	35,300	70,635
Wyo	244	12	89	1,111	56	48	1,556	2,442	5,558
U.S	133,691	103,760	141,637	1,749,911	169,243	25,529	575,690	4,478,900	7,378,361
Guam . . . . .	.....	.....	.....	1,194	369	13	1,096	8,530	11,202
P.R . . . . .	.....	2,854	261	65,688	6,941	380	9,720	663,980	749,824
Samoa, American Trust Territories . . . . .	.....	.....	.....	1,196	314	9	767	.....	2,286
V.I	207	14	.....	4,677	797	.....	2,172	.....	7,867
Other ³	99	28	5	2,369	53	22	343	13,799	16,718
.....	.....	.....	.....	.....	.....	.....	4,094	.....	4,094
Total	133,997	106,656	141,903	1,825,035	177,717	25,953	459,882	5,165,209	8,170,352

¹Preliminary.

²Total cost to the Government, and includes commodity cost plus reprocessing, packaging, transportation costs, and miscellaneous handling charges.

³Includes Okinawa, Japan, and Europe.

⁴Excludes \$117,550,000 cash in lieu of commodities.

Food and Nutrition Service.

Table 773.—Food and Nutrition Service programs: Persons participating, fiscal years 1964–78¹

Year ending June 30 ²	Children in school lunch program receiving benefits through —			Persons participating in commodity distribution programs for institutions and needy persons (peak month)
	Cash payments ³		Food distribution ⁴ (peak month)	
	Average monthly	Peak month		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1964	13,207	17,548	18,921	8,707
1965	14,079	18,666	20,390	8,633
1966	14,981	19,781	21,394	7,695
1967	15,296	20,237	21,882	6,425
1968	15,572	20,614	21,104	6,829
1969	16,667	22,079	24,066	6,424
1970	17,539	23,127	25,479	7,545
1971	19,062	24,640	24,906	7,247
1972	19,380	24,941	25,142	6,640
1973	19,534	25,075	25,151	6,075
1974	24,493	24,988	25,143	5,369
1975	25,004	25,257	25,422	2,693
1976	25,594	26,055	26,174	2,225
(⁵)	(25,104)	(25,104)	(25,166)	(2,099)
1977 ^{2,6}	26,284	27,020	27,072	1,775
1978 ⁶	26,559	27,080	27,100	1,675

¹“Peak month” is the month of the year when the largest number of persons participated in the program; “Average monthly” is the average for the 9 months of the school year contained in that fiscal year.

²Data for fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 beginning 1977.

³See footnote 2, table 769.

⁴See footnote 5, table 769.

⁵Transition quarter July 1, 1976 to Sept. 30, 1976.

⁶Preliminary.

Food and Nutrition Service.

Table 774.—Consumers' prices: Index number of prices paid for goods and services, United States, 1964–78¹
[1967=100]

Year	Food	Nonfood items							All items
		Apparel and up-keep	Housing		Transportation	Medical care	Personal care	Other goods and services	
			Total	Rent					
1964	92.4	92.7	93.8	95.9	94.3	87.3	94.5	.....	92.9
1965	94.4	93.7	94.9	96.9	95.9	89.5	95.2	.....	94.5
1966	99.1	96.1	97.2	98.2	97.2	93.4	97.1	.....	97.2
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.6	105.4	104.0	102.4	103.2	106.1	104.2	105.2	104.2
1969	108.9	111.5	110.4	105.7	107.2	113.4	109.3	110.4	109.8
1970	114.9	116.1	118.2	110.1	112.7	120.6	113.2	116.8	116.3
1971	118.4	119.8	123.4	115.2	118.6	128.4	116.8	122.4	121.3
1972	123.5	122.3	128.1	119.2	119.9	132.5	119.8	127.5	125.3
1973	141.4	126.8	133.7	124.3	123.8	137.7	125.2	132.5	133.1
1974	161.7	136.2	148.8	130.6	137.7	150.5	137.3	142.0	147.7
1975	175.4	142.3	164.5	137.3	150.6	168.6	150.7	153.9	161.2
1976	180.8	147.6	174.6	144.7	165.5	184.7	160.5	162.7	170.5
1977	192.2	154.2	186.5	153.5	177.2	202.4	170.9	172.2	181.5
1978	211.4	159.6	202.8	164.0	185.5	219.4	182.0	183.3	195.4

¹Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from data of the U.S. Department of Labor.

CHAPTER XIV

MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; commodity futures statistics; and statistics on crops in Alaska.

Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as raw hides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 states and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in nonagricultural and overall export totals. The agricultural export statistics include shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value at the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports to those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.

Table 775.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1964–78

Year ending June 30 ¹	Total domestic exports	Agricultural exports ²			Total imports for con- sump- tion	Agricultural imports (for consumption)					Excess of do- mestic agricul- tural exports over supple- mentary imports
		Domestic	Per- centage (do- mestic) of total exports	Foreign (re-ex- ports)		Total	Supple- men- tary ³	Com- plemen- tary ³	Supplementary		
									Per- centage of total agricul- tural exports	Per- centage of total agricul- tural imports	
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Percent</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million dollars</i>
1964	24,718	6,068	25	84	17,776	4,096	2,225	1,871	37	54	3,843
1965	26,331	6,097	23	...	19,731	3,986	2,127	1,859	35	53	3,970
1966	28,886	6,676	23	...	23,295	4,454	2,472	1,982	37	56	4,204
1967	30,819	6,771	22	...	26,427	4,453	2,667	1,786	39	60	4,104
1968	32,195	6,311	20	...	29,613	4,656	2,845	1,811	45	61	3,466
1969	35,221	5,741	16	...	34,175	4,931	3,072	1,859	54	62	2,669
1970	41,059	6,721	16	...	38,219	5,592	3,451	2,141	51	62	3,270
1971	43,663	7,758	18	...	42,724	5,828	3,684	2,144	47	63	4,074
1972	44,848	8,047	18	...	50,056	6,048	3,957	2,092	49	65	4,090
1973	57,815	12,902	22	...	61,389	7,324	4,707	2,617	36	64	8,195
1974	84,924	21,293	25	...	82,503	9,549	6,272	3,277	29	66	15,021
1975	102,858	21,578	21	...	101,060	9,579	6,821	2,758	32	71	14,757
1976	109,389	22,147	20	...	105,883	10,107	6,289	3,818	28	62	15,588
(⁴)	(27,313)	(5,356)	(20)	...	(31,686)	(2,804)	(1,597)	(1,207)	(30)	(43)	(3,759)
1977 ¹	118,285	23,974	20	...	142,648	13,357	6,548	6,809	27	49	17,426
1978 ¹⁶	131,196	27,306	21	...	164,802	13,886	7,315	6,571	27	53	19,991

¹Fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 for 1977 and 1978.²Includes food exported for relief or charity by individuals and private agencies. These figures include a small amount of certain foodstuffs other than agricultural.³Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.⁴Transition quarter July 1, 1976 to Sept. 30, 1976.⁶Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 776.—Agricultural exports: Quantity indexes, United States, fiscal years 1964–77
[Calendar year 1967=100]

Year ending June 30 ¹	Total agricultural exports ²	Animals and animal products	Meat and meat products ³	Animal fats ³	Dairy products ³	Poultry and poultry products ³	Cotton and lintens	Tobacco unmanufactured	Grains and feeds	Vegetable oils and oilseeds	Fruits and vegetables
1964	100	140	122	127	290	129	128	93	94	82	92
1965	98	130	118	117	240	114	113	84	92	99	95
1966	107	108	101	90	154	120	78	83	117	102	106
1967	104	101	106	96	99	105	115	110	103	95	106
1968	101	96	91	98	95	98	101	100	104	99	91
1969	92	110	129	97	125	92	69	100	85	106	93
1970	106	101	113	99	90	83	75	101	97	148	109
1971	118	125	111	122	90	71	97	104	91	201	111
1972	120	149	130	111	172	95	88	100	88	205	115
1973	154	125	181	106	58	98	126	103	167	184	123
1974	165	130	179	110	39	110	152	121	179	189	136
1975	147	136	189	112	56	104	103	112	156	158	144
1976	167	144	256	84	44	149	86	105	184	195	161
(⁴)	(160)	(153)	(266)	(104)	(56)	(201)	(92)	(75)	(198)	(131)	(165)
1977 ¹	177	170	303	127	53	208	115	114	182	197	184

¹Fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 for 1977.²Based on 359 classifications (commodity groups and total index include commodities shipped as food for relief or charity by individuals and private agencies).³Included in "Animals and animal products."⁴Transition quarter July 1, 1976 to Sept. 30, 1976.⁶Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 777.—Agriculture imports: Quantity indexes, United States, fiscal years 1964–77
[Calendar year 1967=100]

Year ending June 30 ¹	Total agricultural imports ²	Complementary imports ³	Supplementary imports ³	Animals and animal products	Dairy products ⁴	Hides and skins ⁴	Meat and meat products ⁴	Wool excluding free in bond ⁴	Grains and feeds	Vegetable oils and oilseeds	Sugar, molasses, and sirups	Tobacco unmanufactured
1964 . . .	96	105	88	91	62	152	93	86	215	81	78	83
1965 . . .	90	95	85	81	62	144	71	124	124	93	82	91
1966 . . .	103	111	95	106	69	141	90	166	95	92	83	88
1967 . . .	100	98	100	102	113	108	97	104	105	101	101	95
1968 . . .	105	104	105	108	94	121	107	115	92	97	102	111
1969 . . .	107	103	110	115	122	102	115	100	96	105	103	103
1970 . . .	111	104	116	121	116	82	128	81	131	104	107	103
1971 . . .	123	106	134	128	129	232	129	50	194	121	117	118
1972 . . .	128	113	139	126	121	176	134	32	222	127	122	138
1973 . . .	136	117	149	139	155	178	145	31	260	138	113	132
1974 . . .	137	115	153	146	301	155	141	13	242	119	121	149
1975 . . .	116	95	131	108	128	145	117	12	243	134	102	171
1976 . . .	136	117	149	131	144	204	134	35	246	198	98	164
(⁵) . . .	(135)	(108)	(154)	(130)	(152)	(132)	(138)	(35)	(244)	(196)	(122)	(167)
1977 ¹ . .	140	107	163	133	172	180	125	40	255	186	113	162

¹Fiscal years July 1–June 30 for 1964–76; Oct. 1–Sept. 30 for 1977.

²Based on 430 classifications.

³Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, and vegetable fibers.

⁴Included in "Animals and animal products."

⁵Transition quarter July 1, 1976 to Sept. 30, 1976.

⁶Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 778.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1977

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs ²	All
	Long-term credit sales ¹	Government-to-government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Milk, nonfat dry		27.3	54.2		81.5	0.2	81.7
Wheat	313.6	13.1	36.1	56.7	419.5	2,405.9	2,825.4
Rice	168.4	2.5	4.9	.1	175.9	512.8	688.7
Corn	43.3	2.4	.2	158.9	204.8	4,295.7	4,500.5
Grain sorghum	1.5	2.7	.1		4.3	626.0	630.3
Wheat flour	73.4	13.0	20.1		106.5	71.2	177.7
Cornmeal . . . . .	.1	2.6	3.3		6.0	9.0	15.0
Sorghum grits		8.8	3.1		11.9	4.0	15.9
Bulgur wheat	8.3	6.7	32.7		47.7	.1	47.8
Oats, rolled . . . . .		.3	6.8		7.1	4.0	11.1
Blended food products . . . . .	.7	6.2	55.7		62.6	10.4	58.4
Whey soya beverage powder . . . . .		.1	1.2		1.3	.5	1.8
Tobacco, unmanufactured	55.6			18.8	74.4	1,010.3	1,084.7
Soybeans				91.5	91.5	4,215.1	4,306.6
Cotton, excluding linters	18.0				18.0	1,510.8	1,528.8
Tallow, inedible				42.3	42.3	450.1	492.4
Soybean oil	76.1	4.4	19.5	12.0	112.0	301.1	413.1
Other . . . . .	.8	2.0	12.1	39.0	53.9	7,065.0	7,133.5
Total	759.8	92.1	250.0	419.3	1,521.2	22,492.2	24,013.4

See footnotes on page 565.

Table 779.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1978¹

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs ³	All
	Long-term credit sales ²	Government-to-government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Milk, nonfat dry		18.1	15.4		34.0	43.6	77.6
Variety meats				1.3	1.3	187.9	189.2
Wheat	324.5	14.9	24.7	41.5	405.5	3,471.0	3,876.5
Rice	147.1	16.3	5.4		168.4	665.0	833.4
Corn	39.1	5.2		151.0	195.2	4,874.2	5,069.4
Grain sorghum		12.0	.1		12.1	507.9	520.0
Wheat flour	103.8	7.1	22.3		132.7	62.7	195.4
Cornmeal		6.2	4.2		10.5	9.3	19.8
Sorghum grits		3.2	4.1		7.0	n.a	7.0
Bulgur wheat	2.9	10.2	52.8		65.9		65.9
Oats, rolled			5.4		5.5	.8	6.3
Blended food products		6.5	46.3		52.8	8.6	61.4
Beans and peas, dried				1.1	.2	113.8	114.0
Soya flour, defatted .....		.3	.6		3.1	9.9	13.0
Whey soya beverage powder .....			.9		.9	.3	1.2
Tobacco	1.1			30.0	30.0	1,101.8	1,131.8
Soybeans				87.6	87.6	4,661.4	4,749.0
Cotton, excluding linters	10.0				10.0	1,697.0	1,707.0
Tallow, inedible				57.9	57.9	428.2	486.1
Soybean oil	103.7	8.2	26.1	3.6	141.3	399.5	540.8
Peanut oil		3.8	14.6		18.5	23.9	42.4
Other				100.3	101.2	7,497.8	7,599.0
Total	732.2	112.0	222.9	474.3	1,541.6	25,764.6	27,306.2

¹Preliminary. ²Includes long-term dollar credit and convertible foreign currency sales. ³Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods, through Commodity Credit Corporation and loans and guarantees from the Export-Import Bank, and, for tobacco, sales at less than domestic market prices. n.a.—not available.

Economics, Statistics, and Cooperatives Service—Economics.

Table 780.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance and total, fiscal years 1973–78¹

Type of export	1973	1974	1975	1976	1977	1978 ²
Public Law 480:	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Credit sales for foreign currency	6	(³)				
Long-term dollar and convertible foreign currency credit sales	661	575	762	650	760	732
Government-to-government and World Food Program donations	159	147	148	65	92	112
Donations through voluntary agencies	128	145	191	192	250	223
Foreign Assistance Act of 1961, as amended (AID)	84	76	123	216	419	475
Total agricultural exports under specified Government programs	1,039	943	1,224	1,123	1,521	1,542
Commercial exports (sales for dollars):	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars
Without assistance	9.4	19.6	20.0	20.3	21.6	24.2
With assistance ⁴	2.5	.8	.3	.7	.9	1.6
Total commercial exports	11.9	20.4	20.3	21.0	22.5	25.8
Total exports	12.9	21.3	21.6	22.1	24.0	27.3

See footnotes on page 565.

Table 781.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for transition quarter and fiscal years 1977 and 1978¹

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vege- table oils	Dairy products	Other	Total
Transition quarter (July 1, 1976 to Sept. 30, 1976)									
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Afghanistan						2,568			2,568
Bangladesh			14,605						14,605
Chile	224								224
Egypt	64,197								64,197
Ethiopia	3,472								3,472
Guinea	465		1,407			507			2,379
Haiti	3,547					1,477			5,024
Honduras	2,071								2,071
India	26,187		20,171						46,358
Indonesia	8,506		39,292						47,798
Jordan	3,047								3,047
Korea, Rep. of	37,762		19,140	17,775					74,677
Morocco	11,562								11,562
Pakistan	3,773					8,977			12,750
Portugal			7,583	4,977					12,560
Sri Lanka	19,653								19,653
Syria			10,362		4,763	2,670			17,795
Tanzania		4,330							4,330
Tunisia	2,800								2,800
Zaire			2,867	4,868					7,735
Zambia						1,600			1,600
Total	187,266	4,330	115,427	27,620	4,763	17,799	.....	.....	357,205
1977 (year ending Sept. 30, 1977)									
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Bangladesh	27,899		15,759			5,830			49,488
Egypt	161,185	18,651			20,293			2,830	200,959
Guinea			3,041						3,041
Haiti	4,130	1,058	2,500			3,379			11,067
India	15,795					25,994			41,789
Indonesia	30,951		94,460						125,411
Israel	11,192								11,192
Jamaica		216				682		3,215	3,083
Jordan	9,489								9,489
Korea, Rep. of	49,881		11,796	10,419					72,096
Lebanon	4,853		1,458						6,311
Morocco	9,593								9,593
Pakistan	14,435					36,924			51,359
Philippines					13,171				13,171
Portugal	9,949	21,877	18,194	7,547	3,893				61,460
Sierra Leone	495				799				1,294
Sri Lanka	31,371		4,924						36,295
Sudan	4,764								4,764
Syria			10,994		4,995				15,989
Tanzania		3,189	4,405						7,594
Tunisia	8,652								8,652
Zaire			873		12,584				13,457
Zambia	1,282					3,300			4,582
Total	395,916	44,991	168,404	17,966	55,735	76,109	.....	3,015	762,136

See footnotes at end of table.

Table 781.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for transition quarter and fiscal years 1977 and 1978¹—Continued

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1978 (year ending Sept. 30, 1978)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Afghanistan	5,371	.....	.....	.....	.....	.....	.....	.....	5,371
Bangladesh	49,099	.....	4,653	9,969	.....	21,275	.....	.....	84,996
Bolivia	8,863	.....	.....	.....	.....	.....	.....	.....	8,863
Dominican Republic .....	.....	1,500	.....	.....	.....	.....	.....	.....	1,500
Egypt	177,797	.....	.....	.....	.....	.....	.....	.....	177,797
Guinea	1,700	.....	1,867	.....	.....	1,899	.....	.....	5,466
Guyana	413	.....	.....	.....	439	1,144	.....	.....	1,996
Haiti	2,509	.....	697	.....	.....	3,280	.....	.....	6,486
India .....	.....	.....	.....	.....	.....	27,793	.....	.....	27,793
Indonesia	26,722	.....	124,204	.....	.....	.....	.....	.....	150,926
Israel	7,200	.....	.....	.....	.....	.....	.....	.....	7,200
Jamaica	3,793	8,459	.....	.....	.....	599	.....	.....	12,851
Jordan	6,336	.....	.....	.....	.....	.....	.....	.....	6,336
Korea, Rep. of	37,978	25,328	.....	.....	.....	.....	.....	.....	63,306
Lebanon	5,885	.....	.....	.....	.....	.....	.....	.....	5,885
Morocco	12,168	.....	.....	.....	.....	.....	.....	.....	12,168
Pakistan	24,185	.....	.....	.....	.....	35,067	.....	.....	59,252
Peru	3,382	.....	.....	.....	.....	7,718	.....	.....	11,100
Portugal	4,577	2,194	.....	.....	.....	.....	.....	.....	6,771
Somalia	1,156	.....	1,700	.....	.....	2,099	.....	.....	4,955
Sri Lanka	34,307	.....	.....	.....	.....	.....	.....	.....	34,307
Sudan	10,278	.....	.....	.....	.....	.....	.....	.....	10,278
Syria	1,297	.....	6,354	.....	.....	.....	.....	.....	7,651
Tanzania .....	.....	.....	6,499	.....	.....	.....	.....	.....	6,499
Tunisia	8,361	2,371	.....	.....	.....	.....	.....	.....	10,732
Zaire .....	.....	553	3,772	.....	681	.....	.....	.....	5,006
Zambia .....	.....	.....	.....	.....	.....	3,288	.....	.....	3,288
Total	433,377	40,405	149,746	9,969	1,120	104,162	.....	.....	738,779

¹Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the Act was signed in 1966 (P.L. 89-808).

²Beans.

³Blended foods.

Office of the General Sales Manager.

FOOTNOTES FOR TABLE 778

¹Includes long-term dollar and convertible foreign currency sales.

²Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transaction, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods, and, for tobacco, sales at less than domestic market prices.

Economics, Statistics, and Cooperatives Service—Economics.

FOOTNOTES FOR TABLE 780

¹Fiscal years July 1–June 30 for 1973–76; Oct. 1–Sept. 30 for 1977 and 1978.

²Preliminary.

³Less than \$500,000.

⁴Includes payments in cash or in kind and sales from CCC stocks at less than domestic market prices; loans and guarantees from Export-Import Bank; credits extended by Commodity Credit Corporation; and barter shipments for overseas procurement for U.S. agencies through 1975.

Economics, Statistics, and Cooperatives Service—Economics.

Table 782.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1974–78¹

Product	1974	1975	1976	1977	1978 ²
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
All commodities ³	84,923,594	102,858,369	109,388,848	118,285,192	131,196,239
Nonagricultural commodities	63,630,944	81,280,054	87,241,920	94,311,298	103,890,036
Agricultural commodities	21,292,650	21,578,315	22,146,928	23,973,894	27,306,203
Animals and animal products	1,759,134	1,703,777	2,018,651	2,643,989	2,818,836
Animals, live, excluding poultry	207,383	130,106	119,064	101,400	137,507
Cattle	154,765	94,858	85,617	62,535	87,421
Other	52,618	35,248	33,447	38,865	50,086
Dairy products	65,344	134,476	118,869	169,689	155,272
Butter and anhydrous milk fat	785	765	662	899	692
Cheese and curd	7,575	9,075	10,958	13,508	14,645
Milk, condensed, or evaporated	9,272	11,346	15,351	9,740	10,656
Milk, nonfat dry	2,207	58,773	35,028	81,732	77,649
Other	45,505	54,517	56,870	63,810	51,630
Fats, oils, and greases	505,705	486,834	358,481	580,408	563,482
Lard and other rendered pig fat	32,560	30,829	26,066	43,487	32,738
Tallow, inedible	432,771	392,232	305,510	492,418	486,073
Other	40,374	63,773	26,905	44,503	44,671
Meats and meat preparations	316,558	341,742	572,729	609,081	687,603
Beef and veal, except offals	94,950	52,047	98,648	113,442	177,273
Pork, except offals	44,869	115,271	262,962	225,747	210,794
Offals, edible, variety meat	123,036	110,057	131,110	164,718	188,957
Other	53,703	64,367	80,009	105,174	110,579
Poultry and poultry products	142,792	135,013	207,129	300,017	331,763
Poultry, live:					
Breeding chicks	15,373	15,009	16,114	19,048	24,094
Baby chicks, excluding breeding	3,750	3,742	5,003	4,751	4,826
Other	4,340	4,376	8,797	6,808	5,324
Poultry meat, fresh, frozen:					
Chickens	46,819	45,042	81,509	144,016	154,849
Turkeys	29,578	20,716	42,215	29,878	31,841
Other	5,779	6,800	7,960	9,812	10,920
Eggs	26,516	29,076	33,293	57,225	75,021
Other	10,637	10,252	12,238	28,479	24,888
Hides and skins, including fur skins	460,481	411,389	560,749	797,661	823,625
Cattle hides, whole	292,456	254,684	344,389	531,121	548,841
Furskins	122,235	110,015	165,986	207,463	209,788
Other	45,790	46,690	50,404	59,077	64,999
Other animal products	60,871	64,217	81,629	85,734	119,584
Hair, animal, excluding wool or fine hair	811	974	767	848	3,317
Sausage casings	18,191	19,006	22,630	26,370	23,519
Wool, unmanufactured, including fine hair	18,302	18,660	25,740	22,591	30,584
Other	25,567	25,577	32,492	35,925	62,164
Vegetable products	19,533,516	19,874,538	20,128,277	21,329,905	24,487,368
Cotton, unmanufactured	1,311,083	1,027,921	881,937	1,538,172	1,706,935
Cotton, raw	1,293,619	1,016,877	873,004	1,528,814	1,693,725
Linters	17,464	11,044	8,933	9,358	13,210
Fruits and preparations	588,962	648,356	729,787	803,942	976,477
Canned	79,753	75,304	77,405	93,899	114,423
Dried	105,227	88,704	116,833	110,423	151,061
Fresh	302,788	381,825	411,905	438,342	530,692
Fruit juices	89,220	87,392	109,068	142,091	155,523
Other	11,974	15,131	14,578	19,187	24,778
Nuts and preparations	158,169	156,550	176,508	223,237	287,707
Grains and preparations	10,332,227	10,942,215	11,296,628	9,290,444	10,905,343
Feed grains and products	4,686,025	4,812,898	5,641,293	5,390,886	5,746,041
Feed grains	4,642,862	4,762,479	5,597,715	5,345,299	5,695,248
Barley	210,317	140,642	63,041	204,776	84,126
Corn	3,719,092	3,988,460	4,835,327	4,500,494	5,069,374
Grain sorghum	631,127	616,308	678,133	630,293	520,046
Oats	82,326	17,069	21,214	9,737	21,702
Other	43,163	50,419	43,578	45,587	50,793
Rice	752,282	1,002,185	540,751	704,125	872,565
Wheat and products	4,737,641	5,000,865	4,976,293	3,054,330	4,138,666
Wheat	4,555,252	4,797,015	4,803,431	2,825,390	3,876,490
Wheat flour	138,986	147,667	131,031	177,744	195,383
Other wheat products	43,403	56,183	41,831	51,196	66,793
Blended food products	51,029	50,023	51,575	60,899	61,428
Other	105,250	76,244	86,716	80,204	86,643
Feeds and fodders, excluding oilcake and meal	279,648	288,272	345,188	620,460	574,839
Corn byproducts	91,962	85,541	127,862	221,920	237,088
Alfalfa meal and cubes	31,629	30,803	22,343	61,121	45,173
Other	156,057	171,928	194,983	337,419	292,578

See footnotes at end of table.

Table 782.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1974-78¹—Continued

Product	1974	1975	1976	1977	1978 ²
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Vegetable products—Continued					
Vegetables and preparations—Continued					
Oilseeds and products	5,224,503	4,852,320	4,642,270	6,388,254	7,450,717
Oilseed cake and meal	1,134,948	731,994	774,034	949,688	1,176,025
Soybean oilseed cake and meal	1,065,205	692,807	739,698	917,865	1,121,107
Other	69,743	39,187	34,336	31,823	54,918
Oilseeds	3,525,113	3,211,748	3,340,912	4,642,656	5,264,174
Soybeans	3,253,579	2,951,232	3,078,140	4,306,554	4,749,049
Other	271,534	260,516	262,772	336,102	515,125
Vegetable oils and waxes	564,442	908,578	527,324	766,521	967,687
Soybean oil	427,180	702,563	325,926	592,290	746,386
Other	137,262	206,015	201,398	174,231	221,301
Tobacco, unmanufactured	814,029	910,088	917,260	1,065,316	1,131,794
Flue-cured	618,468	687,762	683,770	782,821	839,348
Other	195,561	222,326	233,490	282,495	292,446
Vegetable and preparations	407,099	549,324	556,629	697,161	648,908
Canned	50,793	56,277	60,441	76,187	90,297
Pulses	101,818	194,198	88,343	113,348	114,875
Fresh	125,395	144,479	200,543	244,537	216,083
Hops, including extract	26,603	25,696	26,379	29,611	26,780
Other	102,490	128,674	180,923	233,478	200,873
Essential oils	64,703	59,889	63,420	87,206	73,876
Seeds, except oilseeds	107,182	115,962	124,461	152,116	171,117
Other vegetable products	245,911	323,641	394,190	463,597	559,655

¹ Fiscal years July 1—June 30 for 1974–76; Oct. 1—Sept. 30 for 1977 and 1978.

² Preliminary.

³ Totals may not add due to rounding.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 783.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1974–78¹

Product	1974	1975	1976	1977	1978 ²
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
All commodities	82,503,020	101,060,420	105,881,197	142,648,066	164,802,020
Nonagricultural commodities	72,954,403	91,481,586	95,774,373	129,290,653	150,916,247
Agricultural commodities	9,548,617	9,578,834	10,106,824	13,357,413	13,885,773
Supplementary³	6,271,989	6,820,520	6,289,086	6,547,956	7,314,547
Animals and animal products	2,796,633	1,697,229	2,200,344	2,303,865	2,753,445
Animals, live, excluding poultry	219,336	95,807	198,931	236,047	314,778
Cattle, dutiable	177,738	44,146	130,751	167,196	217,733
Meats and meat products	1,784,479	1,052,807	1,370,856	1,289,144	1,596,676
Meats, P.L. 88-482	1,084,612	567,828	722,092	682,886	950,576
Meats, fresh, frozen	1,102,125	582,003	737,648	699,545	969,997
Beef and veal	1,082,274	570,367	725,486	688,362	955,103
Pork	40,423	26,895	22,680	15,752	32,714
Meats, prepared, preserved	608,599	425,561	583,994	552,422	560,262
Beef and veal	175,246	85,802	113,506	132,463	128,142
Pork	427,413	333,499	462,110	412,473	422,896
Mutton, goat, and lamb	20,733	11,361	20,065	16,449	27,282
Poultry and products	29,373	23,389	31,197	82,047	88,092
Dairy products	455,486	208,540	243,800	301,365	324,329
Nonfat dry milk	107,298	1,567	1,172	741	725
Cheese	234,637	154,731	186,373	222,168	236,969
Casein and mixtures	62,754	45,629	47,042	68,869	75,152
Fats, oils and greases	6,916	10,927	6,492	5,001	5,735
Hides and skins	155,342	141,075	196,044	211,639	240,874
Sheep and lamb skins	48,423	54,114	66,786	65,987	69,215
Furskins	79,915	71,055	101,340	117,947	141,067
Wool, unmanuf. excluding free	27,885	19,727	53,879	60,080	49,796
Sausage casings	31,937	36,593	34,627	41,483	47,263
Other animal products	85,881	108,363	64,518	77,062	85,914
Vegetable products	3,475,356	5,123,291	4,088,742	4,244,090	4,561,102
Grains and preps	134,425	178,616	181,236	171,655	190,411
Wheat, excluding seed, edible	11,074	2,221	3,024	3,282	8
Barley	26,458	69,039	53,181	25,066	10,447
Biscuits, wafers	45,022	46,887	50,445	59,535	69,322

See footnotes on page 569.

Table 783.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1974–78¹—Continued

Product	1974	1975	1976	1977	1978 ²
Supplementary ³ —Continued	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Vegetable products—Continued					
Fruits and preparations	228,857	248,167	256,094	372,646	470,644
Fresh or frozen	81,336	95,439	99,013	140,307	160,898
Strawberries	25,880	30,000	20,010	31,391	28,675
Prepared or preserved	105,631	118,731	126,490	179,126	181,431
Pineapples	28,980	59,821	67,890	88,650	94,459
Fruit juices	42,034	33,996	30,592	53,213	128,314
Nuts and preparations	160,338	135,148	171,615	213,757	200,156
Vegetables and preparations	398,766	376,285	412,100	616,054	767,866
Fresh or frozen	138,813	128,624	146,860	263,294	343,214
Tomatoes	66,258	61,886	67,610	148,051	164,235
Prepared or preserved	243,313	247,661	265,240	352,760	424,652
Olives	59,000	57,031	69,214	76,316	72,528
Mushrooms, canned	30,166	37,561	46,221	66,884	99,146
Hops and extract equivalent	16,784	17,410	17,259	15,559	12,805
Sugar and related products	1,396,163	2,763,099	1,629,642	1,104,766	1,046,862
Sugar, cane and beet	1,217,095	2,554,203	1,425,069	915,728	880,775
Molasses inedible	119,528	110,421	95,814	93,360	65,948
Confectionery products	41,940	65,639	73,562	58,930	57,895
Spices	19,139	16,571	14,982	15,618	15,092
Tobacco, unmanufactured	189,605	226,491	263,803	314,363	371,459
Tobacco, filler	125,008	156,442	183,825	234,897	266,982
Tobacco, scrap	45,958	46,860	52,614	71,110	94,736
Beverages, excluding fruit juices	339,054	327,423	405,272	547,431	712,342
Wine	278,925	245,141	292,932	384,423	496,456
Malt beverages	58,674	80,941	109,728	160,752	213,579
Feeds and fodders	51,297	46,511	48,843	63,259	65,251
Oilseeds and products	421,458	654,117	535,905	639,326	508,319
Oilseeds and oilnuts	83,961	54,217	60,872	89,365	48,532
Flaxseed	4,268	1,271	1,148	17,566	3,173
Sesame seed	15,299	15,754	17,862	20,632	24,646
Oils and waxes—vegetables	335,271	599,175	472,451	545,004	458,026
Castor oil	52,269	24,940	22,990	43,301	40,039
Coconut oil	128,128	275,502	171,517	254,485	228,879
Olive oil	32,408	41,345	40,850	33,233	36,822
Palm oil	54,069	157,611	179,953	131,588	74,922
Palm kernel oil	30,520	56,723	29,529	42,022	34,828
Cotton, excluding linters	15,308	11,266	25,465	13,531	1,771
Cotton linters	2,956	2,559	2,272	3,922	4,281
Seeds, field and garden	36,578	43,952	42,822	43,294	48,740
Nursery stock	47,128	54,706	60,407	80,136	105,492
Other vegetable products	34,284	38,381	38,283	44,332	52,414
Complementary ³	3,276,628	2,758,313	3,817,738	6,809,457	6,571,226
Bananas, fresh	197,571	200,796	256,621	309,704	336,498
Plantains, fresh	6,367	6,058	7,546	9,175	12,394
Coffee, green	1,691,741	1,224,686	2,023,850	3,974,216	3,465,353
Coffee, roasted	17,297	16,784	36,795	94,963	79,611
Coffee, soluble, extracts	111,807	91,468	133,844	313,502	190,991
Cocoa beans	288,845	281,847	347,688	475,229	571,342
Cocoa butter	40,227	52,123	64,876	95,491	96,085
Cocoa, cake, powder, etc.	32,367	46,107	56,795	167,212	348,954
Chocolate Preparations	47,416	51,863	62,627	139,313	248,303
Tea, Crude or prepared	74,033	86,419	83,636	178,058	112,795
Spices	86,587	82,712	92,365	132,802	132,153
Pepper, unground, black	28,210	32,062	37,424	51,653	50,291
Vanilla beans	12,718	11,398	11,612	28,533	21,572
Other	45,659	39,252	43,329	52,616	60,290
Rubber, crude, natural:					
Rubber-latex	37,436	37,535	35,758	50,838	58,715
Rubber-dry form	446,052	350,813	401,952	570,572	607,217
Silk, raw	4,848	3,882	5,895	3,614	5,355
Wool, unmanufactured, free	31,766	12,621	18,915	32,354	27,972
Fibers, excluding cotton, jute	25,262	47,611	19,235	28,279	28,153
Essential oils	75,629	65,976	52,668	79,149	82,127
Drugs	47,240	75,728	95,262	133,357	137,134
Other	14,137	23,284	21,410	21,629	30,084

See footnotes on page 569.

Table 784.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1974-78^{1 2}

Commodity	1974	1975	1976	1977	1978 ³
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
VARIABLE-LEVY COMMODITIES ⁴					
Feed grains	1,240,152	1,534,470	1,610,090	1,988,069	1,151,963
Corn	1,120,627	1,459,376	1,449,451	1,839,307	1,124,387
Sorghum grain	56,087	69,286	139,569	54,566	8,589
Barley	21,530	2,620	13,813	88,997	4,306
Oats	41,908	3,188	7,257	5,199	14,682
Corn byproducts	3,723	1,845	12,843	213,787	231,302
Rice	78,281	58,728	74,611	70,356	99,659
Rye grain	747	3,809	944	0	0
Wheat grain	221,469	284,803	433,436	126,869	236,194
Wheat flour	1,077	845	552	490	646
Beef and veal, excluding variety meats	2,770	2,882	4,497	7,540	4,767
Pork, excluding variety meats	557	2,404	611	1,150	1,489
Lard ⁵	18,914	7,479	5,435	16,189	2,428
Dairy products	272	4,924	6,253	10,302	3,120
Poultry and eggs	28,346	20,840	35,500	24,959	27,238
Live poultry	1,599	1,636	1,488	1,770	2,816
Broilers and fryers	1,080	572	1,994	3,348	2,407
Stewing chickens	24	38	54	153	60
Turkeys	19,902	15,110	28,336	15,136	17,408
Other fresh poultry	588	78	78	164	280
Eggs	5,153	3,406	3,550	4,388	4,267
Other	29,231	42,169	36,129	58,700	108,824
Total	1,625,539	1,965,198	2,220,901	2,518,411	1,867,630

See footnotes at end of table.

FOOTNOTES FOR TABLE 783.

¹ Fiscal years July 1-June 30 for 1973-76; Oct. 1-Sept. 30 for 1977 and 1978.² Preliminary.³ Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 784.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1974–78^{1,2}—Continued

Commodity	1974	1975	1976	1977	1978 ³
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
NONVARIABLE-LEVY COMMODITIES					
Canned poultry ⁶	265	426	462	0	477
Cotton, excluding linters	104,980	92,896	32,837	96,618	112,477
Fruits and preparations	125,566	121,992	152,640	149,942	173,690
Fresh fruits	29,949	53,327	62,565	54,429	54,281
Citrus	25,053	45,795	54,285	47,316	39,825
Oranges and tangerines	8,451	21,996	23,307	17,135	12,450
Lemons and limes	11,854	15,523	12,590	12,624	9,276
Grapefruit	4,678	8,215	18,325	17,430	17,798
Other	70	61	63	127	301
Apples	407	2,683	1,694	1,869	4,923
Grapes	1,294	1,009	2,018	328	2,582
Other	3,195	3,840	4,568	4,916	6,951
Dried fruits	42,494	28,606	45,016	39,553	56,490
Raisins	15,530	13,429	13,096	12,846	17,190
Prunes	24,717	12,868	26,572	21,797	33,650
Other	2,247	2,309	5,348	4,910	5,650
Fruit juices	17,710	14,568	21,454	29,161	25,078
Orange	11,526	10,107	14,496	20,537	17,389
Grapefruit	2,783	1,657	2,783	3,944	4,241
Other	3,401	2,804	4,175	4,680	3,448
Canned fruits ⁷	31,457	19,173	19,474	19,575	30,957
Peaches	8,939	3,976	4,600	5,399	13,852
Fruit cocktail	10,143	3,582	2,519	2,638	3,244
Pineapple	6,686	5,994	5,949	5,797	4,662
Other	5,689	5,621	6,406	5,741	9,199
Other fruits	3,956	6,318	4,131	7,224	6,884
Vegetables and preparations	76,633	81,205	112,554	182,456	95,718
Pulse	49,782	50,112	32,139	35,772	49,734
Dried beans	36,776	31,610	22,780	25,669	44,695
Dried peas	13,006	18,502	9,359	6,140	2,609
Fresh vegetables	2,702	3,527	16,925	44,289	6,454
Canned vegetables	4,944	7,216	8,922	15,775	11,559
Asparagus	728	578	600	521	574
Other	4,216	6,638	8,322	15,254	10,985
Hops, including extracts	2,783	1,891	2,731	4,010	1,088
Other vegetables and preparations	16,422	18,459	51,837	82,610	26,883
Hides and skins	96,020	92,610	134,153	202,394	177,194
Cattle hides, whole	17,613	20,478	35,276	73,841	47,563
Calf and kip skins	1,812	1,983	2,428	2,481	4,427
Other	76,595	70,149	96,449	126,072	125,704
Oilseeds and products	2,324,939	2,024,863	2,134,578	2,712,211	3,048,141
Oilseed cake and meal	644,661	506,325	489,947	521,046	571,613
Soybean	605,984	484,058	467,846	501,637	548,026
Other	38,677	22,267	22,101	19,409	23,587
Oilseeds	1,626,147	1,420,097	1,575,906	2,133,272	2,393,121
Soybeans	1,519,651	1,313,074	1,476,655	1,982,735	2,112,751
Flaxseed	277	2,487	4,403	44	3,808
Other	106,219	104,536	94,848	150,493	276,562
Vegetable oils	51,700	95,283	60,286	47,701	67,334
Cottonseed	12,631	9,829	15,620	12,225	4,275
Soybean	2,502	4,125	237	1,050	15,750
Linseed	12,738	42,820	6,299	2,433	6,484
Other	23,829	38,509	38,130	31,993	40,825
Tallow	94,135	67,449	54,337	133,254	113,192
Tobacco, unmanufactured	388,346	398,357	361,785	419,649	453,719
Variety meats, fresh or frozen ⁵	93,945	80,042	89,938	119,766	109,630
Nuts and preparations	72,568	83,278	89,141	104,629	143,673
Corn gluten feed	84,798	77,693	109,984	182,757	204,887
Food for relief and charity	56	134	1,707	125	70
Other	221,471	229,464	269,282	270,422	151,356
Total	3,683,722	3,350,409	3,543,398	4,574,223	4,784,724
Total European Community	5,309,261	5,315,607	5,764,299	7,092,634	6,652,354

¹Fiscal years July 1–June 30 for 1974–76; Oct. 1–Sept. 30 for 1977 and 1978.²Not adjusted for transshipments through Canada and Western Europe.³Preliminary.⁴Grains, poultry, and pork, were subject to variable levies beginning on July 30, 1962; rice on Sept. 1, 1964; and beef and dairy products on Nov. 1, 1964.⁵Lard for food is a variable-levy commodity, while lard for industrial use is bound in the General Agreement on Tariffs and Trade (GATT) at 3 percent ad valorem. U.S. lard is for food use.⁶Although canned poultry, and pork variety meats are subject to variable levies, these cannot exceed the amount of import duties bound in GATT.⁷Variable levy on sugar-added content.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 785.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1976–78¹

Country ²	1976			1977			1978		
	Total agricultural exports	Under specified Government-financed programs ³	Outside specified Government-financed programs ⁴	Total agricultural exports	Under specified Government-financed programs ³	Outside specified Government-financed programs ⁴	Total agricultural exports	Under specified Government-financed programs ³	Outside specified Government-financed programs ⁴
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Japan	3,300.5	0	3,300.5	3,773.5	0	3,773.5	4,159.1	0	4,159.1
Netherlands	1,755.1	0	1,755.1	2,178.8	0	2,178.8	2,150.4	0	2,150.4
Soviet Union	1,863.5	0	1,863.5	1,063.2	0	1,063.2	1,796.6	0	1,796.6
Canada	1,400.2	0	1,400.2	1,570.3	0	1,570.3	1,567.0	0	1,567.0
Germany, Fed. Rep. of	1,618.1	0	1,618.1	1,932.6	0	1,932.6	1,460.0	0	1,460.0
Korea, Rep. of	722.4	61.2	661.2	919.0	76.1	842.9	1,055.4	63.3	992.1
United Kingdom	647.1	0	647.1	907.4	0	907.4	937.8	0	937.8
Italy	799.8	0	799.8	836.2	0	836.2	929.0	0	929.0
Spain	655.0	0	655.0	594.7	0	594.7	754.8	0	754.8
Mexico	403.7	0	403.7	608.4	0	608.4	735.3	0	735.3
China, Taiwan	562.0	0	562.0	612.3	0	612.3	729.2	0	729.2
Egypt	404.7	165.9	238.8	563.5	300.3	263.2	552.2	420.4	131.8
Poland	447.3	0	447.3	311.2	0	311.2	522.9	0	522.9
France	408.1	0	408.1	473.8	0	473.8	504.1	0	504.1
Iran	148.3	0	148.3	441.9	0	441.9	452.1	0	452.1
Belgium-Luxembourg	375.0	0	375.0	535.7	0	535.7	437.9	0	437.9
Portugal	232.9	11.4	221.5	373.8	61.4	312.4	379.6	6.8	372.8
Brazil	430.0	4	429.6	87.2	1.0	86.2	412.3	0	412.3
Venezuela	271.2	0	271.2	305.1	0	305.1	355.4	0	355.4
China, Mainland	2.4	0	2.4	1.2	0	1.2	352.4	0	352.4
Hong Kong	155.9	0	155.9	278.7	0	278.7	344.0	0	344.0
Indonesia	175.5	42.9	132.6	238.9	131.8	107.1	334.4	156.8	177.6
Saudi Arabia	150.0	0	150.0	145.7	0	145.7	283.5	0	283.5
Israel	291.2	182.2	109.0	313.2	341.9	—28.8	270.8	250.1	20.7
India	739.6	92.7	646.9	415.1	140.9	274.3	270.7	131.5	139.1
Nigeria	112.4	3	112.1	221.7	0	221.7	251.1	0	251.1
Switzerland	138.3	0	138.3	240.6	0	240.6	242.4	0	242.4
Pakistan	146.7	106.4	40.3	116.1	51.6	64.5	218.4	60.2	158.3
Philippines	188.6	15.5	173.1	180.3	48.9	131.4	196.8	15.1	181.8
Denmark	135.2	0	135.2	192.2	0	192.2	186.5	0	186.5
Greece	121.1	0	121.1	160.1	0	160.1	161.4	0	161.4
Algeria	175.2	4.0	171.2	105.8	5.3	100.5	152.3	4.1	148.2
Chile	87.1	57.7	29.4	94.9	17.1	77.8	145.0	5.5	139.5
Morocco	79.8	11.3	68.5	70.1	24.7	45.4	144.7	27.9	116.8
Romania	80.7	0	80.7	118.0	0	118.0	134.0	0	134.0
Colombia	86.1	6.6	79.5	124.6	4.8	119.8	129.7	2.4	127.3
Iraq	70.9	0	70.9	61.6	0	61.6	125.1	0	125.1
Peru	144.1	5.5	138.6	126.1	4.7	121.4	122.2	17.4	104.8
Dominican Republic	115.7	8.5	107.2	101.5	9.2	92.2	122.1	5.1	117.0
Norway	101.9	0	101.9	120.0	0	120.0	121.6	0	121.6
Bangladesh	215.9	158.2	57.7	108.2	66.5	41.7	119.6	103.9	15.7
Thailand	70.8	0	70.8	123.4	0	123.4	119.0	0	119.0
German Dem. Rep.	35.2	0	35.2	35.2	0	35.2	103.7	0	103.7
Sweden	96.6	0	96.6	101.0	0	101.0	100.4	0	100.4
Australia	70.0	0	70.0	93.5	0	93.5	92.2	0	92.2
Yugoslavia	33.8	0	33.8	52.9	0	52.9	89.5	0	89.5
Ecuador	66.7	1.4	65.3	71.9	1.1	70.8	78.3	2.0	76.3
Jamaica	35.8	0	35.8	80.5	2.9	77.6	77.7	12.0	65.7
Singapore	48.2	.1	48.1	65.1	0	65.1	77.0	0	77.0
Czechoslovakia	69.1	0	69.1	88.1	0	88.1	65.5	0	65.5
Other Countries	1,661.5	114.5	1,547.0	1,639.1	231.0	1,408.1	2,183.1	257.1	1,926.0
Total	22,146.9	1,046.6	21,100.4	23,973.9	1,521.2	22,452.7	27,306.2	1,541.6	25,764.6

¹ Fiscal years July 1–June 30 for 1976; Oct. 1–Sept. 30 for 1977 and 1978. Data for transition quarter July 1–Sept. 30, 1976, are as follows (million dollars): Total agricultural exports, 5,355.1; under specified Government-financed programs, 523.6; outside specified Government-financed programs, 4,831.5.

² Not adjusted for transshipments through Canada and Western Europe.

³ Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 83–480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes the Foreign Assistance Act of 1961, as amended.

⁴ "Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter of overseas procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods through Commodity Credit Corporation and loans and guarantees from the Export-Import Bank and (3) sales of Government-owned commodities at less than domestic market prices.

Table 786.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1976–1978¹

Country	1976			1977			1978		
	Total	Complementary ²	Supplementary ²	Total	Complementary ²	Supplementary ²	Total	Complementary ²	Supplementary ²
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Brazil	801.3	593.1	208.2	1,457.8	1,246.8	211.0	1,342.3	997.4	344.9
Mexico	633.0	262.3	370.7	1,014.3	454.0	560.3	999.4	307.0	692.4
Colombia	472.7	388.0	84.7	571.4	522.1	49.3	735.9	673.1	62.8
Canada	579.4	35.7	543.7	645.4	63.4	582.0	710.2	38.8	671.4
Australia	600.0	1.1	598.9	499.6	1.4	498.2	676.2	1.0	675.2
Indonesia	332.7	315.7	17.0	598.2	578.9	19.3	552.6	535.8	16.8
Philippines	393.2	7.9	385.3	610.9	16.5	594.4	533.1	19.6	513.5
Dominican Republic	369.6	114.3	255.3	457.7	224.0	233.7	416.5	238.8	177.7
Netherlands	258.5	32.9	225.6	308.2	83.7	224.5	400.9	157.0	243.9
New Zealand	248.8	12.7	236.1	304.0	23.3	280.7	385.5	19.2	366.3
Ecuador	176.5	150.5	26.0	295.8	283.4	12.4	372.7	367.7	5.0
France	222.7	45.2	177.5	293.6	67.7	225.9	346.5	67.5	279.0
Ivory Coast	186.6	183.9	2.7	338.1	337.0	1.1	326.3	324.7	1.5
Malaysia	333.3	153.3	180.0	351.3	203.3	148.0	317.9	225.7	92.2
Guatemala	211.4	102.0	109.4	334.5	221.4	113.1	316.0	247.1	68.9
Honduras	139.8	98.1	41.7	177.0	136.1	40.9	269.0	213.9	55.1
Germany, Fed. Rep. of	128.6	22.0	106.6	194.2	40.5	153.7	268.7	74.1	194.6
Denmark	250.4	14.2	236.2	238.2	17.5	220.7	254.7	21.2	233.5
Italy	169.1	4.7	164.4	197.3	4.9	192.4	243.0	6.2	236.8
Costa Rica	188.6	117.1	71.5	240.6	182.9	57.7	235.1	178.6	56.5
Argentina	176.8	4.5	172.3	159.3	11.7	147.6	222.4	13.0	209.5
Spain	164.7	10.1	154.6	183.3	18.4	164.9	188.7	11.5	177.3
Peru	166.3	39.2	127.1	165.1	108.7	56.4	188.6	142.3	46.3
India	218.0	53.8	164.2	180.8	114.0	66.8	215.2	94.8	57.4
Turkey	113.1	3.6	109.5	139.0	2.9	136.1	143.0	3.4	139.6
Nicaragua	120.9	36.9	84.0	106.6	44.9	61.7	142.2	59.7	82.6
Poland	136.3	.7	135.6	134.4	2.6	131.8	139.9	1.6	138.3
China, Taiwan	109.8	4.4	105.4	128.4	8.0	120.4	134.3	6.7	127.5
El Salvador	141.3	93.0	48.3	356.4	328.5	27.9	128.6	92.9	35.7
Uganda	74.9	74.9	0	258.4	258.1	.3	111.6	111.6	(³)
Yugoslavia	72.1	2.3	69.8	87.5	1.8	85.7	105.4	3.2	102.2
Malagasy Republic	55.1	43.5	11.6	75.8	72.3	3.5	104.1	104.1	0
United Kingdom	96.2	25.9	70.3	99.7	28.3	71.4	100.1	28.3	71.8
Zaire	19.6	19.3	.3	107.9	107.1	.8	99.6	98.4	1.2
Ghana	64.9	64.8	.1	83.3	83.3	(³)	96.2	96.2	(³)
Ethiopia	82.7	79.7	3.0	91.8	90.2	1.6	92.6	89.5	3.0
Japan	72.0	7.1	64.9	80.5	8.2	72.3	88.6	7.9	80.7
Thailand	99.5	29.2	70.3	98.9	59.7	39.2	83.2	41.8	41.3
Nigeria	52.6	49.2	3.4	69.9	65.7	4.2	82.3	79.1	3.2
China, Mainland	38.4	13.1	25.3	71.7	19.8	51.9	79.0	19.4	59.6
Tanzania	26.3	24.1	2.2	66.7	61.8	4.9	76.7	72.2	4.5
Liberia	48.9	48.6	.3	66.9	66.4	.5	76.3	76.3	(³)
Iran	74.6	6.5	68.1	68.8	6.4	62.4	73.6	9.7	63.8
Switzerland	37.6	6.9	30.7	47.3	6.9	40.4	67.1	9.2	57.9
Papua New Guinea	32.7	32.2	.5	63.1	62.8	.3	60.0	59.7	.2
Kenya	36.2	34.8	1.4	74.6	71.9	2.7	58.4	55.6	2.8
Panama	48.9	12.1	36.8	70.0	43.3	26.7	58.4	35.2	23.2
Korea, Rep. of	33.7	1.4	32.3	49.2	4.4	44.8	58.2	3.7	54.5
Greece	39.5	1.8	37.7	54.6	2.5	52.1	57.6	2.0	55.6
Rwanda	23.4	23.4	0	37.9	37.9	0	56.2	56.1	(³)
Other Countries	933.6	316.0	617.6	951.5	302.2	649.3	1,058.2	371.7	686.8
Total ⁴	10,106.8	3,817.7	6,289.1	13,357.4	6,809.5	6,548.0	13,885.8	6,571.2	7,314.5

¹ Fiscal years July 1–June 30 for 1976; Oct. 1–Sept. 30 for 1977 and 1978.² Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.³ Less than \$50,000.⁴ Totals may not add due to rounding.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 787.—European Community: Value of agricultural imports by origin, 1964–77¹

Year ²	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1964	2,214	4,550	11,304	18,068
1965	2,245	5,056	11,298	18,599
1966	2,476	5,323	11,689	19,488
1967	2,143	5,638	11,195	18,976
1968	2,113	6,197	10,838	19,148
1969	2,027	7,418	11,863	21,308
1970	2,487	8,255	12,583	23,325
1971	2,649	9,946	12,823	25,418
1972	2,956	12,500	14,801	30,257
1973	4,872	17,333	20,177	42,382
1974	5,773	20,374	21,787	47,934
1975	6,133	23,545	21,413	51,091
1976	6,689	25,883	24,455	57,027
1977	7,427	29,318	30,294	67,039

¹Based on data from the United Nations, Organization for Economic Cooperation and Development, and European Community.

²Data on calendar year basis.

Economics, Statistics, and Cooperatives Service — Economics.

Table 788.—Commodity futures: Contracts traded, United States, 1974-1978

Commodity and market	Contract unit	Number of contracts				
		1974	1975	1976	1977	1978
Wheat:						
Total	5,000 bushels	2,979,326	3,068,876	3,889,628	2,629,010	3,596,396
Wheat, durum:	1,000 bushels	623,939	363,821	514,048	151,433	205,629
Total	5,000 bushels	3,974	2,231	471	36	.....
Corn:						
Total	5,000 bushels	4,679,050	4,835,049	4,609,801	5,021,827	6,127,099
Total	1,000 bushels	760,521	802,173	418,715	280,268	256,022
Oats:						
Total	5,000 bushels	199,500	154,067	126,885	109,970	215,774
Total	1,000 bushels	5,161	4,987	2,904	1,172	1,423
Soybeans:						
Total	5,000 bushels	2,731,297	3,913,804	5,474,179	7,996,139	8,477,277
Total	1,000 bushels	557,348	657,132	700,466	1,104,763	994,932
Soybean oil:						
Total	60,000 pounds	1,620,316	1,489,720	1,685,819	2,535,046	2,909,284
Soybean meal:						
Total	100 tons	878,182	792,227	1,523,711	2,373,453	2,493,086
Coffee "B":			9	13	.....	.....
Coffee "C":						
Total	32,000 pounds	151,913	71,063	174,486	214,202	163,959
Sugar, domes:						
Total	37,500 pounds	43,273	9,725	.....	.....	.....
Sugar #11:						
Total	112,000 pounds	736,941	790,630	984,677	1,055,984	1,016,773
Sugar #12:						
Total	112,000 pounds	302	1,641	14,052	15,676	21,875
Cotton #2:						
Total	112,000 pounds	396,434	525,103	938,543	826,395	1,155,801
Potatoes, Idaho:						
Total	50,000 pounds	9,063	1,974	1,889	4,727	90
Potatoes, Maine:						
Total	50,000 pounds	770,781	795,732	413,021	41,248	.....

Potatoes, rnd., wh.: Total	50,000 pounds			43,649	478,558	453,215
Orange juice, con.: Total	15,000 pounds	96,525		65,846	377,921	285,405
Sugar: Total	56,000 pounds	762				
Lumber: Total	100,000 bd. ft.	238,427		256,252	486,691	560,498
Plywood: Total	76,032 sq. ft.	383,322		285,486	368,770	261,483
Stud Lumber: Total	100,000 bd. ft.	3,258		2,320	687	9,365
Hogs, live: Total	30,000 pounds	1,083,512		1,426,507	1,307,712	1,765,201
Total	15,000 pounds	34,352		139,669	159,324	185,927
Pork, bellies: Total	36,000 pounds	735,246		1,443,464	1,358,730	1,439,651
Hams: Total	36,000 pounds					
Cattle, live: Total	40,000 pounds	2,517,341		2,457,259	2,639,517	5,592,364
Feeder cattle: Total	20,000 pounds					54,054
Beef, boneless: Total	42,000 pounds	30,999		29,587	133,274	568,728
Beef, frozen: Total	30,000 pounds				41	
Broilers, iced: Total	30,000 pounds	4,803		3,396	2,690	5,890
Turkeys: Total	28,000 pounds	221,128		179,393	64,938	74,684
Eggs, fresh: Total	36,000 pounds	4			144	
Wool: Total	22,500 dozen	361,257		142,968	130,042	144
	5,000 pounds	2,350		899	3	

Futures Industry Association.

Table 789. — Average monthly commitments of reporting and nonreporting traders for principal commodities regulated by the Commodity Futures Trading Commission, 1978¹

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders and hedging commitments ³	Total open interest	
		Speculative				Hedging				Total				
		Long or short only		Long and short (spreading) ²		Total		Long		Short		Long	Short	
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short			
Wheat:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
All markets	5,000 bushels	3,837	1,902	7,995	8,987	11,832	9,987	33,015	40,961	44,847	50,858	22,655	16,444	67,502
CBOT ⁵	..	3,544	1,721	6,937	7,217	10,481	8,938	14,910	21,389	25,391	30,327	17,091	12,155	42,482
MACE ⁶	..	0	0	4	153	4	153	0	0	0	153	396	247	400
BOFKC ⁷	..	217	179	554	534	771	713	14,303	14,913	15,074	15,628	3,413	2,861	18,487
MGE ⁸	..	76	2	500	91	576	93	3,802	4,659	4,378	4,752	1,755	1,381	6,133
Corn:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
All markets	..	7,034	3,059	9,613	12,672	16,647	12,672	74,901	83,699	91,548	96,371	41,322	36,499	132,870
CBOT	..	7,034	3,059	9,556	9,497	16,590	12,556	74,901	83,698	91,491	96,254	40,640	35,877	132,131
MACE	..	0	0	57	116	57	116	0	1	57	117	682	622	739
Oats:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
CBOT	..	190	99	452	451	642	550	1,009	2,358	1,651	2,908	3,150	1,893	4,801
Soybeans:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
All markets	..	5,738	2,517	24,911	27,428	30,649	27,428	33,813	39,252	64,462	66,680	39,051	36,833	103,513
CBOT	..	5,730	2,460	24,576	27,099	30,306	27,099	33,813	39,252	64,119	66,351	37,925	35,693	102,044
MACE	..	8	57	335	329	343	329	0	0	343	329	1,126	1,140	1,469
Soybean meal:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
CBOT	100 tons	3,893	2,817	8,542	8,542	12,435	11,359	22,377	25,403	34,812	36,762	9,824	7,874	44,636
Soybean oil:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
CBOT	60,000 pounds	5,497	3,546	11,774	11,774	17,271	15,320	20,625	26,880	37,896	42,200	11,433	7,129	49,329
Cotton:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
NYCE ⁹	100 bales	2,696	1,023	2,040	2,040	4,736	3,063	12,678	20,286	17,414	23,349	11,886	5,951	29,300
Orange juice, frozen concentrated:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
CA, NYCE ¹⁰	15,000 pounds	641	553	1,445	1,445	2,086	1,998	5,827	5,475	7,913	7,473	4,600	5,040	12,513
Eggs, shell:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
CME ¹¹	22,500 dozens	90	125	15	15	105	140	80	285	185	425	1,493	1,253	1,678
Potatoes:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
(Round white) NYME ¹²	50,000 pounds	2,615	2,458	1,057	1,057	3,672	3,515	618	4,330	4,290	7,845	8,632	5,077	12,922
Cattle:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
All markets	..	26,577	3,830	9,066	9,062	35,643	12,892	7,125	36,517	42,768	44,664	38,023	38,023	87,432
(Live beef) CME	..	21,549	3,150	7,874	7,870	34,231	11,020	4,808	33,388	34,231	44,408	38,927	38,927	73,158
(Live feeder) CME	..	5,028	680	1,192	1,192	6,220	1,872	2,317	3,129	8,537	5,001	5,737	9,273	14,274
Hogs, live:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
CME	30,000 pounds	5,563	1,838	2,468	2,763	8,031	4,601	482	1,485	8,513	6,086	11,137	13,564	19,650
Pork, frozen bellies:		Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴	Num-ber ⁴
CME	36,000 pounds	2,212	1,936	1,645	1,645	3,857	3,581	189	862	4,046	4,443	5,919	5,522	9,965

Table 790.—Average monthly commitments of reporting and nonreporting traders as percentages of average open interest, for principal commodities regulated by the Commodity Futures Trading Commission, 1978¹

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders speculative and hedging commitments ³	Total open interest	
		Speculative				Hedging		Total						
		Long or short only		Long and short (spreading) ²		Total		Long	Short	Long	Short			
		Long	Short	Long	Short	Long	Short							
Wheat: All markets CBOT ⁵ MACE ⁶ do BOTKC ⁷ do MGE ⁸ do Corn: All markets CBOT MACE do Oats: CBOT Soybeans: All markets CBOT MACE do Soybean meal: CBOT Soybean oil: CBOT Cotton: NYCE ⁹ Orange juice, frozen concentrated: CA, NYCE ¹⁰ Eggs, shell: CME ¹¹ Potatoes: (Round white) NYME ¹² Cattle: All markets (Live beef) CME (Live feeder) CME Hogs, live: CME Pork, frozen bellies: CME		Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴	Per-cent ⁴
		5.7	2.8	11.8	11.8	17.5	14.6	48.9	60.7	66.4	75.3	33.6	24.7	100.0
	5,000 bushels	8.3	4.1	16.3	17.0	24.6	21.1	35.1	50.3	59.7	71.4	40.3	28.6	100.0
	do	0	0	1.0	38.2	1.0	38.2	0	0	1.0	38.2	99.0	61.8	100.0
	do	1.2	1.0	3.0	2.9	4.2	3.9	77.3	80.7	81.5	84.6	18.5	15.4	100.0
	do	1.2	0	8.2	1.5	9.4	1.5	62.0	76.0	71.4	77.5	28.6	22.5	100.0
		5.3	2.3	7.2	7.2	12.5	9.5	56.4	63.0	68.9	72.5	31.1	27.5	100.0
	do	5.3	2.3	7.2	7.2	12.5	9.5	56.7	63.3	69.2	72.8	30.8	27.2	100.0
	do	0	0	7.7	15.7	7.7	15.7	0	.1	7.7	15.8	92.3	84.2	100.0
	do	4.0	2.1	9.4	9.4	13.4	11.5	21.0	49.1	34.4	60.6	65.6	39.4	100.0
		5.5	2.4	24.1	24.1	29.6	26.5	32.7	37.9	62.3	64.4	37.7	35.6	100.0
	do	5.6	2.4	24.1	24.1	29.7	26.5	33.1	38.5	62.8	65.0	37.2	35.0	100.0
	do	.5	3.9	22.8	18.5	23.3	22.4	0	0	23.3	22.4	76.7	77.6	100.0
	100 tons	8.7	6.3	19.2	19.2	27.9	25.5	50.1	56.9	78.0	82.4	22.0	17.6	100.0
	60,000 pounds	11.1	7.2	23.9	23.9	35.0	31.1	41.8	54.5	76.8	85.6	23.2	14.4	100.0
	100 bales	9.2	3.5	7.0	7.0	16.2	10.5	43.3	69.2	59.5	79.7	40.5	20.3	100.0
		5.1	4.4	11.5	11.5	16.6	15.9	46.6	43.8	63.2	59.7	36.8	40.3	100.0
	22,500 dozen	5.4	7.4	.9	.9	6.3	8.3	4.7	17.0	11.0	25.3	89.0	74.7	100.0
	50,000 pounds	20.2	19.0	8.2	8.2	28.4	27.2	4.8	33.5	33.2	60.7	66.8	39.3	100.0
		30.4	4.4	10.4	10.4	40.8	14.8	8.1	41.7	48.9	56.5	51.1	43.5	100.0
	40,000 pounds	29.4	4.3	10.8	10.8	40.2	15.1	6.6	45.6	46.8	60.7	53.2	39.3	100.0
	do	35.2	4.8	8.4	8.4	43.6	13.2	16.2	21.9	59.8	35.1	40.2	64.9	100.0
	30,000 pounds	28.3	9.4	12.6	14.1	40.9	23.5	2.4	7.5	43.3	31.0	56.7	69.0	100.0
	36,000 pounds	22.2	19.4	16.5	16.5	38.7	35.9	1.9	8.7	40.6	44.6	59.4	55.4	100.0

Lumber	100,000 bd. ft . . .	14.8	8.0	15.1	15.1	29.9	23.1	17.6	22.1	47.5	45.2	52.5	54.8	100.0
CME														
Plywood	76,032 sq. ft	8.4	9.2	17.5	17.5	25.9	26.7	37.0	41.2	62.9	68.0	37.1	32.0	100.0
CBOT														
Broilers, feed	30,000 pounds . .	11.9	.1	3.8	3.8	15.7	3.9	41.0	61.0	56.7	64.9	43.3	35.1	100.0
CBOT														
Coffee	37,500 pounds . .	2.2	12.3	2.0	2.0	4.2	14.3	27.7	35.5	31.9	49.8	68.1	50.2	100.0
NYCSE ¹³														
Sugar	112,000 pounds .	13.8	13.9	4.7	4.7	18.5	18.6	28.0	61.3	46.5	79.9	53.5	20.1	100.0
NYCSE ¹³														

¹ Commodities covered by the Commodity Exchange Act prior to April 1975. Preliminary.

Average for three months for lumber, plywood, broilers, coffee, and sugar.

² Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

³ Derived by subtracting reporting traders' commitments from total open interest.

⁴ Commitment data in contracts as a percentage of open interest for each contract market.

⁵ Chicago Board of Trade.

⁶ MidAmerica Commodity Exchange.

⁷ The Board of Trade of Kansas City, Mo. Inc.

⁸ Minneapolis Grain Exchange.

⁹ New York Cotton Exchange.

¹⁰ Citrus Associates of the New York Cotton Exchange, Inc.

¹¹ Chicago Mercantile Exchange.

¹² New York Mercantile Exchange.

¹³ New York Coffee and Sugar Exchange.

Commodity Futures Trading Commission.

Table 791.—Fish: Catch and disposition of catch in commercial fisheries, United States, 1964–78 (round weight)

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1964	4,541	1,643	1,033	71	1,794
1965	4,776	1,750	1,042	76	1,908
1966	4,366	1,601	894	77	1,794
1967	4,055	1,452	1,001	77	1,525
1968	4,160	1,543	1,017	67	1,533
1969	4,337	1,520	993	68	1,756
1970	4,917	1,595	1,150	71	2,101
1971	5,018	1,580	1,019	76	2,343
1972	4,806	1,612	976	70	2,148
1973	4,858	1,715	882	59	2,202
1974	4,967	1,660	1,005	69	2,233
1975	4,877	1,744	907	55	2,171
1976 ¹	5,350	1,855	1,094	53	2,348
1977 ¹	5,198	2,025	1,078	55	2,040
1978 ¹	6,028	2,237	1,099	52	2,640

¹ Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 792.—Frozen fishery products: Production, by geographic divisions, 1964–78

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1964	125,802	9,211	41,332	482	60	75,412	79,985	332,284
1965	138,329	5,783	41,206	2,000	38	85,691	93,734	366,781
1966	135,162	4,327	39,780	421	28	75,696	103,225	358,639
1967	108,254	3,516	32,819	1,856	18	90,884	86,934	324,281
1968	126,187	3,609	45,555	1,222	41	104,363	87,450	368,427
1969	101,147	3,248	58,770	69	15	108,913	80,533	352,695
1970	117,625	1,319	59,059	2,931	40	113,697	93,623	388,294
1971	100,522	1,791	58,884	1,366	.....	117,968	81,477	362,008
1972	107,611	3,097	49,257	1,065	20	119,146	88,749	368,945
1973	101,527	15,325	50,544	4,486	2	101,162	137,320	410,366
1974	75,143	20,351	45,719	4,152	12	75,710	118,847	339,934
1975	82,610	10,500	48,340	4,623	2	61,815	91,762	299,652
1976	92,843	7,515	47,661	1,182	80	70,044	102,347	321,672
1977	95,853	7,857	36,006	4,846	367	60,302	140,459	345,690
1978	88,222	3,422	40,167	218	36	49,800	127,381	309,246

U.S. Department of Commerce, National Marine Fisheries Service.

Table 793.—Fresh and frozen packaged fish:¹ Production and value, by principal species, United States, 1964–78

Year	Cod		Flounder		Haddock	
	Quantity	Value	Quantity	Value	Quantity	Value
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1964	10,116	3,351	48,554	17,457	37,331	13,710
1965	9,975	3,530	49,586	20,267	40,154	16,286
1966	10,284	3,907	49,542	22,754	40,110	16,966
1967	14,006	5,409	45,287	20,731	34,069	15,376
1968	13,955	5,338	43,384	20,478	22,351	11,162
1969	15,397	6,980	46,229	24,961	13,353	8,492
1970	13,619	7,445	46,657	28,712	8,867	6,925
1971	14,970	9,144	38,325	28,049	6,738	6,633
1972	12,342	9,216	38,580	32,734	5,013	6,794
1973	17,142	13,796	40,322	40,546	6,431	9,104
1974	19,112	16,424	40,956	44,626	8,897	12,105
1975	15,586	14,868	41,974	53,126	8,219	12,347
1976	16,578	19,023	48,227	72,466	4,664	8,293
1977	24,562	27,725	44,587	69,718	14,658	21,294
1978 ²	23,701	31,328	41,716	76,050	17,319	26,105

Year	Ocean perch, Atlantic		Whiting		Other		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1964	23,815	6,324	2,094	460	39,211	16,062	161,121	57,364
1965	22,696	6,156	2,286	509	44,135	19,566	168,832	66,314
1966	21,664	5,743	2,438	617	41,852	19,549	165,890	69,536
1967	19,477	5,172	1,818	452	38,338	17,196	152,995	64,336
1968	15,556	3,953	2,090	520	38,176	18,917	135,512	60,368
1969	14,618	4,037	895	270	47,121	24,717	137,613	69,457
1970	16,008	4,922	782	267	47,575	26,559	133,508	74,830
1971	18,343	6,075	482	154	49,534	25,390	128,392	75,445
1972	17,540	7,379	156	51	53,012	35,765	126,643	91,939
1973	15,268	8,183	2,750	1,081	51,066	38,661	133,359	111,371
1974	12,093	6,236	1,950	582	52,183	39,455	135,191	119,428
1975	8,397	5,673	926	613	56,821	51,296	131,923	137,923
1976	9,437	8,086	988	613	62,691	58,620	142,585	167,101
1977	10,448	10,108	830	509	65,303	62,468	160,388	191,822
1978 ²	9,515	9,952	919	643	68,113	64,791	161,283	208,869

¹Packaged fish represents production of fillets and steaks.²Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 794.—Canned fishery products: Production and value, United States, 1964–78

Year	Salmon	Sardines		Tuna and tuna-like fishes	Mackerel ¹	Shrimp	Clam products ²	Oysters ²	Other products	Total
		Maine	Pacific							
	Production									
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1964	180,442	20,259	5,438	350,301	48,187	9,740	60,348	5,912	414,938	1,095,565
1965	174,413	29,646	374	359,349	31,655	15,629	67,592	4,033	438,938	1,121,629
1966	209,161	31,182	116	398,694	18,575	14,201	69,795	2,800	443,086	1,187,610
1967	99,473	29,260	(³)	394,841	12,733	16,851	65,741	4,623	574,870	1,198,392
1968	165,490	40,489	....	400,159	22,294	18,967	61,830	4,557	553,239	1,267,025
1969	122,444	24,402	....	403,386	17,354	20,729	62,923	2,000	515,043	1,168,281
1970	183,466	18,872	....	440,455	8,487	25,125	65,493	1,904	602,089	1,345,891
1971	168,452	22,249	....	444,294	16,517	22,345	70,978	3,387	580,594	1,328,816
1972	96,192	36,540	....	626,428	13,763	23,795	80,145	2,798	720,852	1,600,513
1973	71,772	23,284	....	646,421	2,851	25,228	90,770	2,058	784,973	1,647,357
1974	87,791	25,131	....	668,134	3,779	22,121	88,276	1,979	656,795	1,554,006
1975	78,086	26,008	....	542,491	9,738	12,407	75,972	2,402	638,759	1,385,863
1976	127,611	24,971	....	602,505	6,643	20,021	64,422	1,159	720,448	1,567,780
1977	150,823	23,496	....	557,503	30,890	24,525	73,482	1,027	574,597	1,436,343
1978 ⁴	164,239	26,376	....	710,977	26,072	15,758	69,263	590	652,656	1,665,931
	Value									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1964	95,761	7,584	1,030	217,762	6,760	12,986	17,957	5,292	71,528	436,660
1965	122,744	10,868	71	233,370	4,997	20,655	18,097	3,701	80,728	495,231
1966	136,075	12,262	25	272,068	3,346	21,973	21,125	3,201	93,633	563,708
1967	76,121	13,862	(³)	264,056	2,363	24,332	21,726	6,152	116,951	525,563
1968	118,015	19,297	....	270,569	4,098	29,444	20,444	5,624	116,417	583,908
1969	90,286	11,512	....	299,636	3,317	27,730	22,045	2,164	118,843	575,533
1970	138,673	11,227	....	382,024	1,534	37,277	25,661	2,102	143,262	741,760
1971	137,822	10,856	....	416,552	3,076	33,648	26,344	4,814	137,485	770,597
1972	90,409	23,877	....	637,463	2,618	38,396	27,263	4,292	174,383	998,701
1973	111,105	15,688	....	711,757	540	55,234	38,103	3,688	231,045	1,167,160
1974	137,005	21,745	....	829,619	921	44,370	43,106	3,266	225,815	1,305,847
1975	115,291	24,917	....	662,702	2,614	27,650	41,773	4,065	192,933	1,071,945
1976	205,318	24,478	....	856,404	2,085	48,815	39,298	2,548	250,747	1,429,693
1977	243,340	27,205	....	917,249	11,869	71,336	64,521	2,687	236,482	1,574,689
1978 ⁴	248,425	35,641	....	1,291,217	7,242	45,845	59,595	1,337	290,422	1,979,724

¹Beginning 1971, figures contain only Jack mackerel.²Represents the net weight of canned products. In the classifications, "Clam products," "Oysters," and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.³Included in "Other products," beginning 1967.⁴Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 795. — Fishery product: United States imports for consumption, 1974-78

Class and item	Unit	1974		1975		1976		1977		1978	
		Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars
Edible fishery products:											
Fresh or frozen:											
Fish, fresh-water and salt-water:											
Whitefish	1,000 pounds ..	7,249	4,671	8,419	5,637	8,194	6,144	9,049	6,964	11,347	8,589
Yellow pike	do	4,181	3,063	6,867	5,521	6,489	6,971	6,247	6,336	6,345	6,347
Cod, haddock, hake, pollock, and cusk ..	do	12,017	4,313	12,772	4,023	13,002	4,865	10,098	4,047	9,310	6,365
Halibut	do	5,357	5,168	7,566	8,036	7,400	9,920	6,510	9,086	6,955	10,779
Salmon	do	12,483	14,031	9,250	11,469	7,742	13,645	5,708	10,794	6,617	13,562
Sea herring	do	86,863	4,672	99,189	5,118	76,517	5,521	70,720	8,876	72,005	5,462
Tuna ¹	do	784,775	210,823	476,324	119,456	603,793	246,464	629,376	250,452	801,560	320,591
Filletted, skinned and boned ..	do	581,348	351,260	681,427	395,698	792,049	547,994	783,248	663,080	829,904	743,799
Other	do	86,987	33,254	85,906	34,898	74,198	35,797	74,944	42,104	87,867	48,886
Shellfish:											
Clams	do	1,602	1,188	1,436	919	2,132	1,481	2,989	2,490	4,315	3,392
Lobsters	do	55,320	178,193	58,070	188,564	64,351	240,737	60,019	250,302	56,184	256,287
Shrimp	do	222,804	379,766	200,339	344,552	227,460	460,698	225,208	488,326	195,475	418,354
Other	do	31,485	46,871	31,339	49,286	41,400	73,095	44,713	72,044	48,088	108,006
Canned fish and shellfish:											
Anchovies	do	5,896	8,723	4,888	6,271	5,903	8,899	6,596	11,799	6,415	10,690
Sardines	do	69,137	36,886	31,106	24,907	53,873	36,817	50,036	37,461	48,717	40,070
Tuna, bonito, and yellowtail ..	do	53,087	51,354	51,782	46,327	59,014	67,627	36,006	45,690	52,170	64,185
Lobsters	do	1,688	8,627	2,104	10,947	2,865	13,898	2,884	15,596	2,420	15,670
Other	do	142,468	99,782	76,989	64,006	102,575	86,453	86,133	99,956	86,953	108,779
Cured fish, dried, pickled, salted, smoked or kippered	do	62,823	41,102	60,307	38,705	75,877	49,171	62,016	48,947	69,483	61,583
Other fish and shellfish	do	39,310	11,633	6,819	2,840	3,641	1,651	4,510	4,142	18,685	26,031
Total edible products	do	2,266,880	1,495,380	1,913,089	1,367,180	2,228,475	1,916,848	2,177,010	2,078,492	2,420,765	2,274,717
Nonedible fishery products:											
Fish and marine animal oils ..	1,000 gallons ..	2,140	3,787	1,852	3,207	3,109	4,459	2,277	4,122	2,552	5,322
Fish scrap and meal	1,000 tons ..	68	15,706	118	23,576	140	32,872	81	26,488	44	12,577
Other nonedible products	do .....	.....	196,005	.....	243,136	.....	378,166	.....	513,777	.....	806,141
Total nonedible products	do .....	.....	215,498	.....	269,919	.....	415,497	.....	544,387	.....	823,040
Grand total	do .....	.....	1,710,878	.....	1,637,099	.....	2,332,345	.....	2,622,879	.....	3,097,757

U.S. Department of Commerce, National Marine Fisheries Service Compiled from reports of the Bureau of the Census.

¹ Excludes loins and discs, included with other.

Table 796.—Domestic fishery products: United States exports, 1974-78

Class and item	Unit	1974		1975		1976		1977		1978	
		Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars
Edible fishery products:											
Fresh or frozen:											
Fish:											
Cod, haddock, hake, pollock, and cusk	1,000 pounds	1,314	814	2,339	1,347	3,275	2,327	69,844	125,396	125,771	276,256
Salmon	do	28,067	34,924	48,229	66,863	41,922	75,645	110,823	54,205	101,280	72,347
Other	do	50,486	19,776	57,624	24,048	75,867	33,549	26,089	60,731	34,801	88,184
Shellfish:								48,365	81,324	85,871	188,272
Shrimp	do	27,728	47,340	28,078	54,081	23,296	57,023				
Other	do	21,730	25,447	22,239	27,433	30,320	44,140				
Canned:											
Fish:											
Mackerel	do	353	76	560	120	489	107	1,244	327	9,560	10,446
Salmon	do	8,320	13,258	22,504	34,552	19,588	33,865	21,275	34,031	32,513	49,240
Sardines	do	1,691	1,146	2,161	1,774	1,829	1,556	1,186	855	1,555	1,533
Other	do	10,292	15,553	6,547	7,865	11,054	12,059	11,000	14,503	3,428	65,714
Shellfish:											
Shrimp	do	6,885	11,830	6,223	10,263	7,769	14,685	8,966	18,066	5,984	12,084
Other	do	4,594	4,573	4,756	6,726	4,200	7,133	8,860	9,323	12,682	12,426
Cured:											
Miscellaneous fish	do	8,178	18,252	10,009	30,153	13,058	44,819	23,081	73,892	11,445	9,677
Miscellaneous shellfish	do	152	265	124	269	285	767	326	722	530	986
Total edible products	do	178,011	194,966	218,152	267,360	240,866	329,810	331,059	473,375	448,311	831,654
Nonedible fishery products:											
Fish oils	do	199,122	39,595	191,843	27,849	179,235	29,946	90,633	18,107	222,012	42,340
Whale and sperm oil	do	3,042	645	1,316	288	.....	.....	5,503	1,572	(1)	(1)
Furs, fur-seal, dressed or dyed	1,000 pieces	81	5,736	47	2,919	67	5,107	32	2,833	22	1,866
Shells, unmanufactured	1,000 pounds	5,577	1,573	7,580	1,917	9,887	4,634	12,800	4,685	10,562	4,685
Other nonedible	do	.....	19,617	.....	4,396	.....	16,985	.....	19,975	.....	24,989
Total nonedible products	do	.....	67,166	.....	37,369	.....	54,880	.....	47,121	.....	73,880
Grand total	do	.....	262,132	.....	304,729	.....	384,690	.....	520,496	.....	905,534

¹Not available.

U.S. Department of Commerce, National Marine Fisheries Service. Compiled from reports of the Bureau of the Census.

Table 797.—Industrial fishery: Production, United States, 1964–78

Year	Marine animal scrap and meal						Marine animal body, liver, and viscera oil	
	Menhaden dried scrap and meal	Herring meal	Tuna and mackerel meal	Other meal dried and green scrap	Total scrap and meal		Menhaden oil	Herring oil
					Amount	Value		
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 dollars</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1964	160,349	8,881	21,113	44,909	235	27,945	20,352	1,336
1965	175,959	12,932	25,399	39,761	254	35,707	22,607	1,100
1966	134,954	11,860	25,290	51,717	224	32,315	18,606	1,017
1967	119,135	9,492	25,487	57,075	211	26,038	13,082	732
1968	143,154	15,411	28,781	47,790	235	30,261	19,615	1,230
1969	159,493	6,563	26,870	59,738	253	39,823	19,246	450
1970	188,550	6,415	26,674	47,558	269	46,353	24,037	702
1971	220,996	5,189	29,287	37,340	293	44,501	31,489	756
1972	193,580	5,487	43,226	43,213	286	48,289	21,543	653
1973	188,786	4,457	43,635	50,639	288	119,905	25,870	222
1974	203,859	3,191	48,244	45,420	301	84,380	28,006	(¹)
1975	191,443	3,581	37,209	58,198	290	65,545	27,519	206
1976	212,553	4,338	40,059	52,744	309	96,815	24,052	268
1977	193,268	2,294	39,228	47,501	282	97,239	14,987	57
1978 ²	276,546	3,159	50,244	32,607	363	121,706	36,649	169

Year	Marine animal body, liver, and viscera oil—Continued					Value of—			
	Tuna and mackerel oil	Whale and sperm oil	Liver and viscera oil	Other marine animal oils	Total oils		Shell products	Other by-products	Grand total
					Amount	Value			
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1964	621	408	3	531	23,251	13,297	6,192	22,213	69,647
1965	619	344	(¹)	548	25,218	14,852	5,576	26,695	82,830
1966	530	176	....	838	21,167	12,521	5,132	23,085	73,053
1967	673	320	....	986	15,793	6,112	4,933	23,944	61,027
1968	587	309	....	720	22,461	7,327	4,651	27,888	70,127
1969	549	224	....	1,439	21,908	9,326	4,170	35,893	89,212
1970	456	88	....	1,308	26,591	18,185	³ 3,409	31,593	99,540
1971	637	54	....	1,316	34,252	20,831	4,128	37,091	106,551
1972	649	....	....	1,470	24,315	13,117	4,210	90,366	155,982
1973	954	....	....	1,939	28,985	25,563	4,015	53,345	202,828
1974	880	....	....	1,821	30,707	49,216	4,651	60,587	198,834
1975	831	....	....	3,141	31,697	32,603	5,847	58,302	162,297
1976	818	....	....	1,260	26,398	31,156	6,085	50,694	184,750
1977	491	....	....	1,650	17,185	28,239	6,708	58,386	190,572
1978 ²	562	....	....	670	38,050	60,633	4,512	43,133	252,951

¹ Included with "Other meal dried and green scrap" or other oils.² Preliminary.³ Beginning with 1970, data for oystershell products only.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 798.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1953–77¹

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types
	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>
1953	466,470	202,491	79,089	748,050
1955	498,599	245,850	68,568	813,017
1957	545,061	294,174	62,162	901,397
1959	569,199	325,313	50,872	945,384
1961	595,463	379,355	51,985	1,026,803
1963	633,447	428,250	50,372	1,112,069
1965	683,972	473,515	45,903	1,203,390
1967	734,804	517,468	41,833	1,294,105
1969	762,203	554,611	35,932	1,352,746
1971	774,265	624,442	28,272	1,426,979
1973	828,691	686,477	(²)	1,515,168
1975	875,292	754,772	.....	1,630,064
1977	893,589	784,943	.....	1,678,532

¹ Warehouse space is defined as all space artificially cooled to temperatures of 50°F. or less, in which food commodities are held for 30 days or longer.

² Included in "Private and semiprivate cold storage," beginning 1973.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 799.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1977¹

State	Gross space	State	Gross space	State	Gross space	State	Gross space
	<i>1,000 cu. ft.</i>		<i>1,000 cu. ft.</i>		<i>1,000 cu. ft.</i>		<i>1,000 cu. ft.</i>
Ala	9,019	Ind	13,495	Nebr	16,496	S. Dak	2,433
Alaska	1,892	Iowa	27,485	Nev	1,035	Tenn	20,236
Ariz	6,010	Kans	38,836	N.H	5,362	Texas	56,600
Ark	8,144	Ky	6,540	N.J	43,065	Utah	15,172
Calif	200,798	La	5,643	N. Mex	1,374	Vt	2,234
Colo	10,168	Maine	18,425	N.Y	91,115	Va	49,479
Conn	6,604	Md. and D.C ..	15,979	N.C	9,581	Wash	256,923
Del	4,036	Mass	47,267	Ohio	40,343	W. Va	8,316
Fla	129,452	Mich	63,985	Okla	7,419	Wis	48,566
Ga	41,563	Minn	33,468	Oreg	98,740	Other States ..	10,040
Hawaii	3,105	Miss	3,974	Pa	58,691		
Idaho	35,305	Mo	40,133	R.I	1,963	U.S	1,678,532
Ill	56,417	Mont	160	S.C	5,446		

¹ Only those States having 3 or more warehouses are listed separately.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 800.—Alaska crops: Acreage harvested, 1964–78

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1964	500	1,900	1,700	6,600	4,100	1,500	730	155
1965	600	1,600	1,200	5,700	3,100	1,200	780	145
1966	400	1,600	1,400	6,800	2,500	1,400	710	155
1967	600	1,800	1,200	7,500	2,400	1,400	690	180
1968	900	1,900	900	7,000	2,100	1,400	620	285
1969	500	1,200	1,100	7,000	1,600	1,400	620	250
1970	500	1,500	1,400	6,600	1,500	1,400	610	200
1971	200	3,100	1,900	5,100	2,200	2,000	630	205
1972	500	2,800	2,400	8,500	1,900	1,900	550	170
1973	600	3,100	2,200	9,400	1,200	1,700	500	165
1974	400	1,100	3,200	9,400	1,100	1,700	570	155
1975	400	1,500	3,600	10,800	1,000	1,800	530	165
1976	300	1,300	3,300	10,400	1,000	1,500	510	175
1977	400	2,600	2,100	10,200	1,000	1,400	520	162
1978 ²	600	4,000	2,300	9,900	900	1,500	440	198

¹ Excludes greenhouse-grown vegetables. ² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 801.—Alaska crops: Volume harvested, 1964–78

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables ¹
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1964	12,000	35,600	2,600	8,200	23,800	5,400	140,900	17,900
1965	13,400	32,300	2,200	6,600	17,700	4,000	131,000	14,500
1966	10,200	34,600	2,100	9,200	14,300	4,000	111,500	15,500
1967	14,800	36,300	1,900	11,200	14,600	4,900	138,000	18,200
1968	15,000	27,400	1,100	8,800	12,800	5,600	114,700	24,800
1969	4,800	14,400	1,000	6,700	5,700	4,500	71,300	16,300
1970	7,200	22,300	1,500	7,900	7,400	6,200	106,800	15,900
1971	3,800	21,600	2,600	4,600	13,300	6,200	110,300	16,100
1972	4,800	24,900	3,000	11,500	10,700	8,600	99,000	14,000
1973	8,100	48,400	2,600	12,200	6,400	6,400	102,500	13,700
1974	3,200	18,200	4,000	11,800	5,900	6,600	90,500	16,000
1975	5,400	33,600	7,100	14,300	4,800	10,400	108,700	16,300
1976	3,800	32,200	6,100	12,500	4,500	6,700	91,000	18,800
1977	6,300	60,500	3,500	17,100	3,900	7,700	115,000	20,000
1978 ²	9,200	72,000	4,700	15,700	5,300	6,800	81,000	20,400

¹ Excludes greenhouse-grown vegetables. ² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 802.—Alaska crops: Value of production, 1964–78

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1964	53,000	144,000	626,000	540,000	1,043,000	217,000
1965	57,000	131,000	528,000	412,000	756,000	203,000
1966	42,000	140,000	655,000	329,000	619,000	218,000
1967	62,000	144,000	721,000	312,000	642,000	228,000
1968	68,000	117,000	545,000	276,000	654,000	297,000
1969	17,000	53,000	539,000	184,000	378,000	193,000
1970	29,000	88,000	705,000	245,000	705,000	255,000
1971	17,000	83,000	576,000	351,000	772,000	319,000
1972	21,000	101,000	1,160,000	367,000	941,000	291,000
1973	58,000	363,000	1,332,000	320,000	1,179,000	282,000
1974	27,000	158,000	2,054,000	500,000	1,122,000	381,000
1975	44,000	287,000	2,782,000	532,000	1,304,000	390,000
1976	30,000	261,000	2,325,000	391,000	1,092,000	447,000
1977	51,000	479,000	2,781,000	433,000	1,323,000	460,000
1978 ²	79,000	570,000	2,652,000	457,000	932,000	560,000

¹ Excludes greenhouse-grown vegetables. ² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

